# Yahoo Group Archive: hamradiohomebrew

Yahoo Group summary: Amateur Radio Homebrew

These Yahoo Groups messages were archived in WARC format by ArchiveTeam in 2017. This PDF was generated by Digital Library of Amateur Radio & Communications from the WARC files in 2026.

Date span: 2005-10-17 through 2016-08-27, plus 3 messages with implausible archived dates

Archived timestamps before 1997-01-01 or after 2020-12-16 are flagged as implausible and excluded from the date span; their original values remain in the message headers and manifests.

Source WARC: hamradiohomebrew.sy8tqos.warc.gz

Source item: https://archive.org/details/yahoo-groups-2017-12-07T11-32-17Z-739654

Messages included in this PDF: 646

Messages omitted as spam from this PDF: 7

Yahoo replaced the domain portions of email addresses with @... in the archived messages. Characters lost in Yahoo's archived text appear as ?.

Messages are presented in ascending Yahoo message-ID order. Gaps indicate records absent from the source WARC or messages omitted from this PDF as spam.

# 1. Homebrew Projects

Yahoo group: hamradiohomebrew
Date: 2005-10-17 14:04:33 UTC
From: wa6mhz_1
Topic: 1  Message: 1

My current Homebrew project is a vintage 1965 2 meter AM transmitter. What? Why would I want a radio I can't use? Just for nostalgia, for I had one very similar to this back in 1969 built by Randy Curran WA9PPD. I have been searching for one like it ever since, so the only way to get it is to build it. Here is the layout:
Power supply: 400V using a TV transformer and 5U4GB rectifier
6.3VAC Filament xfmr at 6A (lot of tubes!
-100V bias supply using a 6X5 rectifier
+150V regulator using a 0A2
Modulator: 12AU7 mic amps
6C4 driver
pair of 6l6 modulators
hefty modulation transformer
RF section: 5763 Oscillator/Tripler (8 Mc to 24Mc)
5763 Tripler (24 Mc to 72 Mc)
5763 Doubler (72 Mc to 144 Mc)
6146 Power Amp (Maybe 30W out, will see)
The RULES are:
1) NO components newer than 1970 (atleast in design. All resistors are half watt carbon, all caps are disc or tubular from that era, NO modern style components allowed!!!
2) NO PCBs allowed! All wires must be of 1970 or earlier vintage. Even coax cable must be old! Used components and wires are preferred. All wiring is done on terminal strips and is point to point.
3) This may take some time to get to work, but operational status is unimportant as this is just for show, not actual use. I have several other vintage 2 meter AM radios if I need to actually get on the air with them. 2 meter AM would be very difficult in Southern California, as the previously used freqs are now all FM repeaters and Packet. Going on the air on 2 meter AM would make alot of people mad! It would be nice if TASMA would coordinate a 2 meter AM frequency just for Boatanchor folks!

I have accumulated all the parts and am in the chassis prep stage. The problem is that I don't know what holes to drill for the terminal strips until I start to wire it, and then it is too late with all the transformers installed! So doing alot of paper work simulation of the build before I start drilling holes.

At the present, I have no access to a metal shop, so all drilling and panel cutting has to be done with a simple drill press and hand tools. No cabinet is planned until I can find some perforated aluminum. This will also be tough to cut without a metal shear. Alot of hand filing ahead. I do have a Nibber to cut out the large holes, and hope I have enough Greenlee punches for the tube sockets. The hand reamer will get alot of use.

More on it all as work progresses.
WA6MHZ
(Should change that to WA6MC (Megacycle!!!)

## 2. WHAT is the Group picture?

Yahoo group: hamradiohomebrew
Date: 2005-10-17 15:04:54 UTC
From: wa6mhz_1
Topic: 2  Message: 2

What is this yellow hat seen in the group photo? It is my HELMETCAM!
Tis is a complete 2.4 Ghz ATV transmission system that features a camera and mic, synthesized ATV transmitter, 1W power amp and a Patch antenna, all built into the top of a ARES Hard hat. The only visible mod to the hat is a small hole cut in the front for the camera lens to peek out. Not visible are 2 ARRL ARES Logos on the hat sides. Power is supplied by a fanny pack gel cel. This has been tried and works great for walking around events and was designed to be used on Fire lines to give live video and audio back to HQ on the 2.4 gig link. Works GREAT! Think there would be a big market for these, but for now, it is HAM RADIO HOMEBREW!

## 3. New file uploaded to hamradiohomebrew

Yahoo group: hamradiohomebrew
Date: 2005-10-17 15:52:09 UTC
From: hamradiohomebrew@yahoogroups.com
Topic: 3  Message: 3

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the hamradiohomebrew
group.

File : /Improving the D-104 N9WB revision 2.doc
Uploaded by : n9wb <n9wb@...>
Description : Make this fine classic micriphone sound smooth and clear on modern radios

You can access this file at the URL:
http://groups.yahoo.com/group/hamradiohomebrew/files/Improving%20the%20D-104%20N9WB%20revision%202.doc

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/help/us/groups/files

Regards,

n9wb <n9wb@...>

## 4. Welcome all new Members!!!!

Yahoo group: hamradiohomebrew
Date: 2005-10-17 19:13:20 UTC
From: wa6mhz_1
Topic: 4  Message: 4

Nice to see so many fine folks join us here. Lets hear about what you have built or are planning to build. Share with us the pics of how it progresses.

One aspect of Homebrew is making something out of something else. While not exactly a modification and not 100% homebrew, it does fall into the area of building. I just completed such a project. I have most of the Heathkit line, but was short a SB-300. I had 3 SB-301s and one was a real junker with the front panel shot. Good candidate!!! I acquired a trashed chassis to a SB300 on Ebay and began to accumulate parts to build it. It was nice to find a virgin SB-300 panel and dial assy, but I had a long ways to go. Taking the SB301, I removed the circuit boards and BACKWARDS Modified them to convert them into the original SB-300 circuit. All the 301 components I could find were used to make the 300, and after a few months of work, I had a real live SB-300!!! It isn't a TRUE 300 as it has no Serial number label and the boards, xtal filter and Power transformer are a 301. But it sure looks and plays like a SB-300. Close enough!!!! Next I did that to a SB-100. That worked pretty well, but the RX is a little numb. Troubleshoot that later someday, it looks great now! I wound up with alot of HW-101/HW-100 parts and set out on a monumental task. Can I make a HW-601? 601??? Yes, this will be a 6 meter HW-101; Somewhat similar to a SB-110A, but more like a HW-101 on 6. This turned out to be an incredible amount of work and it is still in design. The final compartment will be modeled after the SB-110A and a 36 Mc Oscillator and RX/TX mixers will have to be added somewhere. Also need an improved RX front end. WOW, what a job!!! But thats what HOMEBREW is all about. It is NEVER easy, for if it was, it wouldn't be such a challenge and enticing!
73,WA6MHZ

## 5. Oct 2005 QST/QEX LMS Impedance Bridge by WB9LVI

Yahoo group: hamradiohomebrew
Date: 2005-10-17 19:57:06 UTC
From: patt896
Topic: 5  Message: 5

Anyone have luck building this? I can see the sin waves, but the program wont stabilize and show a single Ls value.

Dick Patten

## 6. New member

Yahoo group: hamradiohomebrew
Date: 2005-10-17 20:21:07 UTC
From: Mike
Topic: 6  Message: 6

Hi all,

I'm a recently licesed technician (late June) and will eventually take the code test. I have a budding interest in electronics and I've built a few non-radio homebrew projects using the Manhattan constuction method. I use a Harbor Freight hand punch to make the pads (item number 44060-2VGA), which includes 2mm, 3mm, 4mm, 4.5mm, 5.5mm 6mm & 7mm punches and dies. It happens to be on sale right now for $9.99. No, I don't work for H.B but I paid almost twice that much, so if you like 'em, now's the time...

I just bought the Pico Keyer II and will start it soon. I'm also interested in the touch paddle project in the latest QST.

I look forward to seeing some cool projects and hearing about what folks are doing and learning.

73

Mike, KE7EII

## 7. Re: New member

Yahoo group: hamradiohomebrew
Date: 2005-10-17 22:33:57 UTC
From: wa6mhz_1
Topic: 6  Message: 7

Welcome Mike!!
Yes, that Harbor Freight Whitney Punch is ideal for that. I developed a Powerpoint program I have given at several ARRL Conventions on just that, and other Surface Mount Homebrew techniques. Sometimes I will cut out a rectangular piece of PCB using a dremel tool to act as a spacer between an IC and the ground plane, to get it up a few millimeters, so I can solder wirewrap wires to the leads. If the leads are too close, I raise one, lower the next, etc to seperate them enough to solder wires to. 30G Wirewrap wire is almost too thick, but it is insulated and holds well. Then, after the project works well, I put a blob of RTV or Hot Glue to encase the connections and strain relief them. They are very delicate.
73, Pat
--- In hamradiohomebrew@yahoogroups.com, "Mike" <Michael.McCumber@g...> wrote:
>
> Hi all,
>
> I'm a recently licesed technician (late June) and will eventually
> take the code test. I have a budding interest in electronics and
> I've built a few non-radio homebrew projects using the Manhattan
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> interested in the touch paddle project in the latest QST.
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> I look forward to seeing some cool projects and hearing about what
> folks are doing and learning.
>
> 73
>
> Mike, KE7EII
>

## 8. My first real project

Yahoo group: hamradiohomebrew
Date: 2005-10-18 02:11:17 UTC
From: aurthur_dent_99
Topic: 8  Message: 8

I'm new to the homebrewing scene. I've been a ham since 1995 but am just now finally getting started in building things for myself. I'm a Technician Class and am studying to upgrade so I can play around on HF. I've decided to attempt building the Regenerative Reciever for Beginners out of the 1995 ARRL Handbook.

Here's a stupid question, I have a stack of resistors that i picked up in a Radio Shack a while back. They're rated for 1/2 Watt. The plans in the handbook call for resistors rated for 1/8 watt. Does it matter if I use the resistors with the higher power rating? I also don't have all the resistors in the exact resistance called for but can wire a few in series. Any reason why this wouldn't work?

## 9. Re: [hamradiohomebrew] My first real project

Yahoo group: hamradiohomebrew
Date: 2005-10-18 02:29:38 UTC
From: Roy J. Tellason
Topic: 8  Message: 9

On Monday 17 October 2005 10:11 pm, aurthur_dent_99 wrote:
> I'm new to the homebrewing scene. I've been a ham since 1995 but am
> just now finally getting started in building things for myself.

I'm a tech and electronics hobbyist from way back, not yet a ham...

> I'm a Technician Class and am studying to upgrade so I can play around on
> HF. I've decided to attempt building the Regenerative Reciever for Beginners
> out of the 1995 ARRL Handbook.
>
> Here's a stupid question,

No, stupid questions are the ones you don't ask.

> I have a stack of resistors that i picked up in a Radio Shack a while back.
> They're rated for 1/2 Watt. The plans in the handbook call for resistors
> rated for 1/8 watt. Does it matter if I use the resistors with the higher
> power rating? I also don't have all the resistors in the exact resistance
> called for but can wire a few in series. Any reason why this wouldn't work?

No problem, except for the additional bulk.

The one area where resistors may be a problem is if their manufacturing method
makes them inductive, most typical with wirewound but I think that also
applies to some other kinds as well, and unfortunately I don't know of any
way to determine whether a resistor is of that type or not -- most of what
I've dealt with over the years is audio gear and consumer electronics.

How close are the values you have to the ones you need? Often values can vary
widely without there being too much of a problem resulting from it.

--
Member of the toughest, meanest, deadliest, most unrelenting -- and
ablest -- form of life in this section of space, a critter that can
be killed but can't be tamed. --Robert A. Heinlein, "The Puppet Masters"

## 10. Re: My first real project

Yahoo group: hamradiohomebrew
Date: 2005-10-18 02:55:49 UTC
From: aurthur_dent_99
Topic: 8  Message: 10

Wow, that was a quick response.

The label on the box said that they were carbon composite resistors
I believe and they have the gold band on the end with a +- 5%
tolerance. Not at my workbench at the moment but one called for a
200K. I have a couple of 100K's. I'll have to go back and look at
all the resistors i've got.

Anyone that reads some Heinlein can't be half bad.

John Stein
KC7MRY

--- In hamradiohomebrew@yahoogroups.com, "Roy J. Tellason"
<rtellason@b...> wrote:
>
> On Monday 17 October 2005 10:11 pm, aurthur_dent_99 wrote:
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> > just now finally getting started in building things for myself.
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> I'm a tech and electronics hobbyist from way back, not yet a
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> makes them inductive, most typical with wirewound but I think
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> way to determine whether a resistor is of that type or not -- most
of what
> I've dealt with over the years is audio gear and consumer
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> ablest -- form of life in this section of space, a critter that
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Masters"
>

## 11. Re: [hamradiohomebrew] Re: My first real project

Yahoo group: hamradiohomebrew
Date: 2005-10-18 03:04:59 UTC
From: Roy J. Tellason
Topic: 8  Message: 11

On Monday 17 October 2005 10:55 pm, aurthur_dent_99 wrote:
> Wow, that was a quick response.

I just heard about and subscribed to the list today. Your post was the one I used when creating the folder for it and the filter to move stuff there.

> The label on the box said that they were carbon composite resistors

Probably best for a whole lot of stuff.

> I believe and they have the gold band on the end with a +- 5% tolerance.

That's pretty common these days. Used to be 10% was more common and way back when you'd see some 20% parts, but I haven't seen many of those for a while.

> Not at my workbench at the moment but one called for a 200K. I have a couple
> of 100K's. I'll have to go back and look at all the resistors i've got.

Proably 220K would be close enough if you have that one, it's a pretty common value.

> Anyone that reads some Heinlein can't be half bad.

Some? All I can get my hands on, which is by no means all of his stuff (yet).

--
Member of the toughest, meanest, deadliest, most unrelenting -- and ablest -- form of life in this section of space, a critter that can be killed but can't be tamed. --Robert A. Heinlein, "The Puppet Masters"

## 12. Re: Homebrew Projects

Yahoo group: hamradiohomebrew
Date: 2005-10-18 03:23:56 UTC
From: Dave
Topic: 1  Message: 12

Hi all,

And the problem with 2M am is what? I have lots of space to use it with out interferrence on the repeaters, or common simplex frequencies in use around here. Then again I live in the Iowa Illinois area so I don't have the congestion you do in Southern Cal.

I have never operated there, but I hear that it can be AWFUL. Had a freind in Customs Service who used to work in L.A., both at the ariport & the LA/Long Beach harbor. He said it was so bad that you all have a repeater or two just for the "bad boys" to do their thing on. Is operating there as bad as he makes it sound?

On the other hand, he does say some of the linked systems & the BOMB squad repeaters are wonderful.

73,

Dave

My only problem is that my old 2er has no one around here to talk to. Maybe I can find another old am 2M rig to fix up, or find a plan for a good one & set the xyl up on one so that we can use the mode.

73,

Dave

--- In hamradiohomebrew@yahoogroups.com, "wa6mhz_1" <wa6mhz_1@y...> wrote:
>
> My current Homebrew project is a vintage 1965 2 meter AM transmitter.
> What? Why would I want a radio I can't use? Just for nostalgia, for I
> had one very similar to this back in 1969 built by Randy Curran WA9PPD. I
> have been searching for one like it ever since, so the only way to get it
> is to build it. Here is the layout:
> Power supply: 400V using a TV transformer and 5U4GB rectifier
> 6.3VAC Filament xfmr at 6A (lot of tubes!
> -100V bias supply using a 6X5 rectifier
> +150V regulator using a 0A2
> Modulator: 12AU7 mic amps
> 6C4 driver
> pair of 6l6 modulators

> hefty modulation transformer
> RF section: 5763 Oscillator/Tripler (8 Mc to 24Mc)
> 5763 Tripler (24 Mc to 72 Mc)
> 5763 Doubler (72 Mc to 144 Mc)
> 6146 Power Amp (Maybe 30W out, will see)
> The RULES are:
> 1) NO components newer than 1970 (atleast in design. All
resistors are
> half watt carbon, all caps are disc or tubular from that era, NO
modern
> style components allowed!!!
> 2) NO PCBs allowed! All wires must be of 1970 or earlier vintage.
Even
> coax cable must be old! Used components and wires are preferred.
All
> wiring is done on terminal strips and is point to point.
> 3) This may take some time to get to work, but operational status
is
> unimportant as this is just for show, not actual use. I have
several other
> vintage 2 meter AM radios if I need to actually get on the air with
them.
> 2 meter AM would be very difficult in Southern California, as the
> previously used freqs are now all FM repeaters and Packet. Going
on the
> air on 2 meter AM would make alot of people mad! It would be nice
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> TASMA would coordinate a 2 meter AM frequency just for Boatanchor
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> Greenlee punches for the tube sockets. The hand reamer will get
alot of

> use.
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> More on it all as work progresses.
> WA6MHZ
> (Should change that to WA6MC (Megacycle!!!)
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## 13. [hamradiohomebrew] Re: Homebrew Projects__oct17//857pm

Yahoo group: hamradiohomebrew
Date: 2005-10-18 03:59:22 UTC
From: DAVIDe PARKER
Topic: 1  Message: 13

Hello group
DE^ dave kd7uvh

HTTP://www.arrl.org/FandES/field/regulations/bandplan.html
note: 2 meters is a 2 page print out by it self
dave kd7uvh
**********

--- Dave <n0txj@...> wrote:

> Hi all,
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>
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>

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Yahoo! Mail - PC Magazine Editors' Choice 2005
http://mail.yahoo.com

## 14. Re: [hamradiohomebrew] My first real project

Yahoo group: hamradiohomebrew
Date: 2005-10-18 09:46:08 UTC
From: Walt Breining
Topic: 8  Message: 14

You are correct. In almost all cases, you can use a resistor of the specified wattage rating or higher. I used the word "almost" because in a few rare cases, the resistor also is used as a fuse. One of these rare cases is sometimes when a resistor is used between a transformer winding and rectifier. So again, increasing the wattage of a resistor is fine.

Vy 73, Walt N9WB
----- Original Message -----
From: aurthur_dent_99
To: hamradiohomebrew@yahoogroups.com
Sent: Monday, October 17, 2005 9:11 PM
Subject: [hamradiohomebrew] My first real project

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if I use the resistors with the higher power rating? I also don't have
all the resistors in the exact resistance called for but can wire a
few in series. Any reason why this wouldn't work?

---
YAHOO! GROUPS LINKS

a.. Visit your group "hamradiohomebrew" on the web.

b.. To unsubscribe from this group, send an email to:
hamradiohomebrew-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

---

## 15. 2 meters in Southern Cal

Yahoo group: hamradiohomebrew
Date: 2005-10-18 13:31:58 UTC
From: wa6mhz_1
Topic: 1  Message: 15

Yes, 2 meters is a NIGHTMARE out here! There are repeater wars, Jammers and more jammers, and it is true about that special repeater just for flakes and pottymouths. You just wouldn't believe the Language and subjects used on there. Makes some adult nightclub comedy acts seems like a Church gathering!!!! But, thanks to Riley Hollingsworth, things are getting cleaned up. The main jammer, Jack Geritson, has been hauled off to jail to the tune of a cheering crowd of hams. He terrorized most of the repeaters in Southern Cal with his Anti-George Bush hate mongering speechs. But when he started jamming Public Service agencies, that was quite enough for the FCC and they stamped on him!! 2 meters is packed from one end to the other, and there are NO frequencies available to do anything on, much less hold a QSO. But it looks like according to the ARRL bandplan, that 145.5 to 145.8 is good for "experimental" modes. Hmmmm, can AM be considered experimental? The traditional AM calling freqs were 145.25 and .35, but now those are allocated to packet and repeater use. Same thing with everything between 144.2 and 145. All clogged up. But if you tune around, you might not hear anything. WHY?? Because these are PRIVATE frequencies where closed repeaters lie. They have a group called TASMA, Two Meter Spectrum Management Association, that determines who gets to use what freqs. Naturally, all repeater pairs are spoken for, so there is no hope of any ham putting up a repeater. In fact, most freqs have 2 or more repeaters on them and they are PL'd so they don't jam each other. San Diego is constantly being wasted by LA repeaters and users who overpower the signals. That is why, when I want to talk to a repeater, I have to use my big gun 14El Contest antenna and 160W linear. The same repeater should be accessable with a 100mW HT if there weren't co-channel repeaters there. The Private Repeaters? They are only used by a select few who can afford high dues to the group (like over $100 a year!!!!) or you have to be invited to join a special CLIQUE to get permission to key up. Consequently, that is why the band is so quiet. All those frequencies dedicated to the rich and chosen few while the masses are squeezed into a handful of "OPEN" repeaters. I live at a mountaintop QTH and my house would be a great site for a repeater, but about the only band I can put one on is 10GHZ!!!! What??? Yes, 222 and 440 Mhz freqs are all filled up too. Not a Square inch of spectrum available to anyone except the special interest groups. So how can we get on AM? I can put a whip in the back of my Heathkit Twoer and talk across the room to another Twoer. Good contact! But lets hope it doesn't make it out of the room, or the repeater owners will be OUTRAGED!!!!

## 16. Re: My first real project

Yahoo group: hamradiohomebrew
Date: 2005-10-18 13:51:27 UTC
From: wa6mhz_1
Topic: 8  Message: 16

Hi Art, welcome to the group!!! As mentioned by others, no problem on the resistors. But size and spacing might be involved if you plan to use a PCB. 1/8 watt are very small and the lead to lead distance would make using larger wattage a problem with a fit. One trick is to bend the leads in an S pattern so that the leads will fit in the holes. Make sure the exposed leads do not short out to adjacent components. Wire diameter may be a problem too, if they made the pad small and enlarging the hole eats away too much of the pad. As far as value, most are fairly tolerant of tolerances, unless it is in an analog circuit where they are using the resitors to determine stage gain or as a voltage divider for level detection. In that case, precision resistors (1%) are needed. This most likely isn't a problem in your circuit, but it could be in future builds. Today's circuits draw such little power that wattage is inconsequential. Maybe in the Power Amplifier circuit there will be issues, but just about any resistor you can find with that value will work fine. Good luck with the project and we hope to hear from you how it works out. The tricky part is in the coils and caps. Since you are dealing with resonance and frequency determining components, those do have to be correct or the Receiver may be way off frequency or just not work. Wind the coils exactly as specified and use precision caps in the tuned circuits, like Silver Micas. 73 Art!
Pat
--- In hamradiohomebrew@yahoogroups.com, "aurthur_dent_99" <aurthur_dent_99@y...> wrote:
>
> I'm new to the homebrewing scene. I've been a ham since 1995 but am
> just now finally getting started in building things for myself. I'm a
> Technician Class and am studying to upgrade so I can play around on
> HF. I've decided to attempt building the Regenerative Reciever for
> Beginners out of the 1995 ARRL Handbook.
>
> Here's a stupid question, I have a stack of resistors that i picked up
> in a Radio Shack a while back. They're rated for 1/2 Watt. The plans
> in the handbook call for resistors rated for 1/8 watt. Does it matter
> if I use the resistors with the higher power rating? I also don't have
> all the resistors in the exact resistance called for but can wire a
> few in series. Any reason why this wouldn't work?
>

## 17. parts for loop ant

Yahoo group: hamradiohomebrew
Date: 2005-10-18 17:40:13 UTC
From: Richard A. Waltman
Topic: 17  Message: 17

Hi,
Name is Richard call kj5pn

I am looking for a var cap for the loop ant listed on page 33 of May 1994 QST. Tht part number given is from Ten-Tec. I called them and they nolonger carry that part. It is a 2 to 100 pf cap. any help would be appreciated.
73's

## 18. Re: [hamradiohomebrew] parts for loop ant

Yahoo group: hamradiohomebrew
Date: 2005-10-18 18:08:33 UTC
From: don
Topic: 17  Message: 18

is this for tx? do you need air-gap? expected voltage level? I ask as I might have something that will
work, and if not, maybe another ham here. that I do not have a copy of that article.
73, don kb5gnh
----- Original Message -----
From: Richard A. Waltman
To: hamradiohomebrew@yahoogroups.com
Sent: Tuesday, October 18, 2005 11:40 AM
Subject: [hamradiohomebrew] parts for loop ant

Hi,
Name is Richard call kj5pn

I am looking for a var cap for the loop ant listed on page 33 of May
1994 QST. Tht part number given is from Ten-Tec. I called them and
they nolonger carry that part. It is a 2 to 100 pf cap. any help would
be appreciated.
73's

---
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## 19. Re: [hamradiohomebrew] My first real project

Yahoo group: hamradiohomebrew
Date: 2005-10-18 19:17:21 UTC
From: Roy J. Tellason
Topic: 8  Message: 19

On Tuesday 18 October 2005 05:46 am, Walt Breining wrote:
> You are correct. In almost all cases, you can use a resistor of the
> specified wattage rating or higher. I used the word "almost" because in a
> few rare cases, the resistor also is used as a fuse. One of these rare
> cases is sometimes when a resistor is used between a transformer winding
> and rectifier. So again, increasing the wattage of a resistor is fine.

I can remember one TV with that arrangement, a big 10W job that had to be an exact replacement because if there were regulator problems it'd blow. And I have a stereo in the other room that had only one problem when I got it -- there were four 1 ohm emitter resistors at the speaker jacks that were blown. That one was one of the cheaper repairs I've ever done. :-)

--
Member of the toughest, meanest, deadliest, most unrelenting -- and ablest -- form of life in this section of space, a critter that can be killed but can't be tamed. --Robert A. Heinlein, "The Puppet Masters"

## 20. Re: [hamradiohomebrew] 2 meters in Southern Cal

Yahoo group: hamradiohomebrew
Date: 2005-10-19 00:35:42 UTC
From: John Stein
Topic: 1  Message: 20

Whew! yet another reason why I don't live in Ca. Or if
I did, it would definitely be incentive for me to
upgrade and just stay on HF.

--- wa6mhz_1 <wa6mhz_1@...> wrote:

> Yes, 2 meters is a NIGHTMARE out here! There are
> repeater wars, Jammers
> and more jammers, and it is true about that special
> repeater just for
> flakes and pottymouths. You just wouldn't believe
> the Language and
> subjects used on there. Makes some adult nightclub
> comedy acts seems like
> a Church gathering!!!! But, thanks to Riley
> Hollingsworth, things are
> getting cleaned up. The main jammer, Jack Geritson,
> has been hauled off
> to jail to the tune of a cheering crowd of hams. He
> terrorized most of
> the repeaters in Southern Cal with his Anti-George
> Bush hate mongering
> speechs. But when he started jamming Public Service
> agencies, that was
> quite enough for the FCC and they stamped on him!!
> 2 meters is packed
> from one end to the other, and there are NO
> frequencies available to do
> anything on, much less hold a QSO. But it looks like
> according to the ARRL
> bandplan, that 145.5 to 145.8 is good for
> "experimental" modes. Hmmmm,
> can AM be considered experimental? The traditional
> AM calling freqs were
> 145.25 and .35, but now those are allocated to
> packet and repeater use.
> Same thing with everything between 144.2 and 145.
> All clogged up. But if
> you tune around, you might not hear anything. WHY??
> Because these are
> PRIVATE frequencies where closed repeaters lie.
> They have a group called
> TASMA, Two Meter Spectrum Management Association,
> that determines who gets
> to use what freqs. Naturally, all repeater pairs

> are spoken for, so there
> is no hope of any ham putting up a repeater. In
> fact, most freqs have 2
> or more repeaters on them and they are PL'd so they
> don't jam each other.
> San Diego is constantly being wasted by LA repeaters
> and users who
> overpower the signals. That is why, when I want to
> talk to a repeater, I
> have to use my big gun 14El Contest antenna and 160W
> linear. The same
> repeater should be accessable with a 100mW HT if
> there weren't co-channel
> repeaters there. The Private Repeaters? They are
> only used by a select
> few who can afford high dues to the group (like over
> $100 a year!!!!) or
> you have to be invited to join a special CLIQUE to
> get permission to key
> up. Consequently, that is why the band is so quiet.
> All those
> frequencies dedicated to the rich and chosen few
> while the masses are
> squeezed into a handful of "OPEN" repeaters. I live
> at a mountaintop QTH
> and my house would be a great site for a repeater,
> but about the only band
> I can put one on is 10GHZ!!!! What??? Yes, 222 and
> 440 Mhz freqs are all
> filled up too. Not a Square inch of spectrum
> available to anyone except
> the special interest groups. So how can we get on
> AM? I can put a whip
> in the back of my Heathkit Twoer and talk across the
> room to another
> Twoer. Good contact! But lets hope it doesn't make
> it out of the room,
> or the repeater owners will be OUTRAGED!!!!
>
>
>
>

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## 21. Re: parts for loop ant

Yahoo group: hamradiohomebrew
Date: 2005-10-19 04:30:46 UTC
From: dldorrance
Topic: 17  Message: 21

--- In hamradiohomebrew@yahoogroups.com, "Richard A. Waltman"
<kj5pn@y...> wrote:
>
> Hi,
> Name is Richard call kj5pn
>
> I am looking for a var cap for the loop ant listed on page 33 of May
> 1994 QST. Tht part number given is from Ten-Tec. I called them and
> they nolonger carry that part. It is a 2 to 100 pf cap. any help would
> be appreciated.
> 73's
>

Hi Richard,

I looked up the article, which is a construction project for a 30 thru 12 meter small transmiting loop for qrp, made out of 5/8 inch soft copper tubing. The capacitor specified is a "low loss" wiper variable capacitor.

It is just as well that you are unable to locate this capacitor. I would not use this capacitor due to resistive losses in the wiper which will decrease loop efficiency. Instead I suggest you look for a 200 pf to 365 pf dual ganged variable capacitor, attaching one side of the loop to one stator and the other side of the loop to the other stator (don't use the wipers). Another choice would be to find a 200 pf split stator capacitor, perhaps on eBay. Yet another choice would be a 200 pf butterfly capacitor, or a vacuum variable ($$$).

The article specifies 7 watts of power. This translates into a voltage of 1.4 kV. I think (but am not sure) an ordinary receiving variable capacitor will work here.

You may tailor the size of the loop to the value of your capacitor. What you might want to do is run some numbers. Download the program loopcalc.zip from the site below. Unzip it and run the loopcalc.exe program, plug in the variables and look at your options.
http://www.alan.melia.btinternet.co.uk/programs.htm

Some general guidelines regarding small loops. For the center frequency the loop circumference is usually 1/8 wavelength. The sense loop is 1/5 the diameter (or circumference) of the main loop. Tuning requires an antenna analyzer or field strength meter. The tuning involves altering the size and shape of the sense loop so that the low impedance of the main loop transforms to 50 ohms at the sense loop. This also translates into an SWR at the sense loop of 1:1. The

tuning is very sharp and easily missed.

With the plane of the loop perpendicular to the ground, a small loop does not need much height to work well. The pattern is figure 8, with the nulls perpendicular to the plane of the loop and the maximum signal off the ends of the loop (just the opposite of full size loops). Small loops radiate well at low and high angles simultaneously and have slightly less gain than a dipole. With the plane of the loop parallel to the ground the loop radiates in an omnidirectiional pattern like a vertical, but must be 1/2 wavelength off the ground, like a dipole, for low angle radiation.

Have fun.

Dave WA6YSO

## 22. Re: [hamradiohomebrew] parts for loop ant

Yahoo group: hamradiohomebrew
Date: 2005-10-19 09:55:41 UTC
From: Richard Waltman
Topic: 17  Message: 22

It is a air gap cap. I call Ten-Tec and they don't
stock that one any more. I want to make it for portabe
qrp

_____
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## 23. To build or not to build old radio kit?

Yahoo group: hamradiohomebrew
Date: 2005-10-19 15:40:38 UTC
From: thb201
Topic: 23  Message: 23

Hello group:

Not exactly a homebrew question per se but I though I'd ask here anyways.

Some time ago I was given an unbuilt kit. The kit is a Philmore CR5-AC general coverage receiver. It's nothing great. Your usual beginner's tube type radio. It dates from the early 60's. I have an old Allied catalogue from 1962 and it sold for 50 bucks back then. However in the book "Shortwave Receivers Past and Present" it is listed as being "rare". The kit is complete, with the optional metal case. It's in fairly good condition. The bandswitch contacts are a bit tarnished, and I'm sure any electrolytic caps are long gone to capacitor heaven.

I very rarely come across unbuilt kits, and I do know that unbuilt Heathkits fetch a pretty good price. Would you build this kit or leave it as is for posterity's sake? Thanks in advance for your comments.

73
John
VE3CXB

## 24. My pending homebrew project

Yahoo group: hamradiohomebrew
Date: 2005-10-19 15:51:39 UTC
From: thb201
Topic: 24  Message: 24

Hello group:

I have it in my mind to build a telegraph key. Over the years I've built up a small machine shop in my basement and I think this is something I could tackle. I'm kind of drawn to the camelback type keys of long ago. I may use something more modern for the bearings such as a sleeve bearing or even small ball bearings. Not sure if I'll use all brass, some brass, or some other metal altgether. This project is probably way over my head given my machining skills, however I'll never know unless I try. Besides, in our ham club we have a homebrew night once a year, and it's usually this one guy who takes the trophy most of the time. I'm not knocking him as he is good. However I think I'd like to give a shot at taking the trophy away from him (hi!).

73
John
VE3CXB

## 25. Re: [hamradiohomebrew] To build or not to build old radio kit?

Yahoo group: hamradiohomebrew
Date: 2005-10-19 16:15:29 UTC
From: Dave Springer
Topic: 23  Message: 25

In a word, build it!

73,

---
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## 26. Re: [hamradiohomebrew] To build or not to build old radio kit?

Yahoo group: hamradiohomebrew
Date: 2005-10-19 16:15:47 UTC
From: Dave Springer
Topic: 23  Message: 26

In a word, build it!

73,

Dave

---
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## 27. Re: To build or not to build old radio kit?

Yahoo group: hamradiohomebrew
Date: 2005-10-19 17:14:36 UTC
From: wa6mhz_1
Topic: 23  Message: 27

Thats a tough one, as that kit is far rarer than the Heathkit unbulit kits and may go for 500 or more bucks on Ebay!!!! If you want a kit to build, I would suggest cashing it in and buying an Elecraft which would be alot nicer to actually use!! I can imagine the feeding frenzy as the very rich type in 3 and maybe 4 digit bids on that!!!!! Keep it as virgin as possible!! I know I found a 4 part Archer kit and it went for $55!!!! If you build it, you are throwing maybe $500 down the drain!! The very very rich WANT that kit at all costs!!! Maybe it will go for $1000!!!

--- In hamradiohomebrew@yahoogroups.com, "thb201" <hudakjm@m...> wrote:

> Hello group:
>
> Not exactly a homebrew question per se but I though I'd ask here anyways.
>
> Some time ago I was given an unbuilt kit. The kit is a Philmore
> CR5-AC general coverage receiver. It's nothing great. Your usual
> beginner's tube type radio. It dates from the early 60's. I have an
> old Allied catalogue from 1962 and it sold for 50 bucks back then.
> However in the book "Shortwave Receivers Past and Present" it is
> listed as being "rare". The kit is complete, with the optional metal
> case. It's in fairly good condition. The bandswitch contacts are a
> bit tarnished, and I'm sure any electrolytic caps are long gone to
> capacitor heaven.
>
> I very rarely come across unbuilt kits, and I do know that unbuilt
> Heathkits fetch a pretty good price. Would you build this kit or
> leave it as is for posterity's sake? Thanks in advance for your comments.
>
> 73
> John
> VE3CXB
>

## 28. my winter homebrew project

Yahoo group: hamradiohomebrew
Date: 2005-10-19 18:52:20 UTC
From: jb2625
Topic: 28  Message: 28

Hello all.. glad to find this group es thank for letting me join!it has been a long time since i have built anything..heath hw 101, kinght kit, heath keyer and so on when i wuz a kid...so I am thinking abt a 40 meter cw tube qrp rig I probaly have all the stuff in my junk room hi hi..anyone have any ideas or schematics for a 1 or 2 tube 40 meter transmitter?... wud be a lot of fun to build and play with this winter..thank in advance...es 73 Jim kd4low.

# 29. Re: my winter homebrew project

Yahoo group: hamradiohomebrew
Date: 2005-10-19 18:59:13 UTC
From: wa6mhz_1
Topic: 28  Message: 29

The best place to get your transmitter project is from an old ARRL Handbook. HQ has gone over these and made sure they were duplicatable and a solid design. For a tube xmtr, try anything between 1955 and 1965 ARRL handbooks, which go for a song on Ebay. I have all the ARRL Handbooks except edition #1, which last went for $390, so it may be awhile till I can score that one. But the 50s and 60s era books are just full of wonderful projects. QSTs too, which most of the projects in the Handbook came from. I am looking at a 1961 QST as I write that has a wonderful little transmitter in it. In fact, my design for my 2 meter AM transmitter is developed from just those projects. Good luck! I would suggest a 6AG7 oscillator driving a 6L6 PA good for 20W or so. Have fun!
Pat
--- In hamradiohomebrew@yahoogroups.com, "jb2625" <kd4low@a...> wrote:
>
> Hello all.. glad to find this group es thank for letting me join!it
> has been a long time since i have built anything..heath hw 101, kinght
> kit, heath keyer and so on when i wuz a kid...so I am thinking abt a
> 40 meter cw tube qrp rig I probaly have all the stuff in my junk room
> hi hi..anyone have any ideas or schematics for a 1 or 2 tube 40 meter
> transmitter?... wud be a lot of fun to build and play with this
> winter..thank in advance...es 73 Jim kd4low.
>

## 30. Happy Birthday...

Yahoo group: hamradiohomebrew
Date: 2005-10-19 19:14:29 UTC
From: Jim
Topic: 28  Message: 30

Well, kind of anyway...

I was born in 1963 and one of the things I'm working on is a station based on designs in QST and the handbook for that year. I'm building the RS-3 receiver from the July 1963 QST (that's the month I was born in by the way). This receiver was also in the scout manuals for the radio merit badge when I was a kid. Always wanted to build it but never did, so that's a little extra motivation. I've got most of the parts, just need to get some decent coil forms. (I've salvaged some octal bases from old tube and was going to build my own, but I've decided some decent commercial coil forms would probably save me a lot of frustration and look more professional.)

There's also the "novice 40 watter" transmitter in the January 1963 QST which uses a 6BQ5 oscillator and 6GJ5 amplifier. I haven't began seriously collecting the parts for it yet.

Picking projects can be tough because the there are so many. Having a 'theme' helps narrow it down--your novice station, the station your dad had, etc.. Reading the 1963 QSTs and picking the projects was a lot of fun. Haven't been able to work on this as fast as I wanted to (started collecting parts about 6 months ago), but it gives me a reason to go to hamfests and collect parts... :-)

73 de
Jim W4JBM

http://www.geocities.com/w4jbm

"With a soldering iron in one hand, a schematic in the
other, and a puzzled look on his face..."

## 31. oct19_[hamradiohomebrew] my winter homebrew project

Yahoo group: hamradiohomebrew
Date: 2005-10-19 19:23:19 UTC
From: DAVIDe PARKER
Topic: 28  Message: 31

DE^ dave kd7uvh
ARRL handbook 1949 pg 173<->175
transmitter 1 xtal 1 6v6/6f6 breadboard
hand wound coils and seperate low level power supply
have fun
dave kd7uvh

--- jb2625 <kd4low@...> wrote:

> hi hi..anyone have any ideas or schematics for a 1
> or 2 tube 40 meter
> transmitter?... wud be a lot of fun to build and
> play with this
> winter..thank in advance...es 73 Jim kd4low.
>
>
>
>

_____
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http://mail.yahoo.com

## 32. Re: [hamradiohomebrew] To build or not to build old radio kit?

Yahoo group: hamradiohomebrew
Date: 2005-10-19 21:56:08 UTC
From: Walt Breining
Topic: 23  Message: 32

Personally, I consider kits well within the home brew category. Particularly in this day and age when I see Amateurs purchasing a dipole rather than building one.

You need to ask yourself what the minimum price is that you would take VS the pleasure of building it yourself. You can set a minimum price on an e-bay auction and do not have to sell it for less than the minimum. Then put it on e-bay with this price as the minimum. Run it for at least 6 days. If it does not bring this minimum price or more, build it. If it does, you will either be happy or you have set the minimum price too low.

Sometime within the last year, QST ran an article where they had found a complete Johnson Ranger AM (I think it was a Ranger) in the ARRL basement. They built it for the museum.

Vy 73, Walt N9WB

PS. The tarnished contacts are no problem. I haven't had near the bad luck with olde unused capacitors that some people have reported.
----- Original Message -----
From: thb201
To: hamradiohomebrew@yahoogroups.com
Sent: Wednesday, October 19, 2005 10:40 AM
Subject: [hamradiohomebrew] To build or not to build old radio kit?

Hello group:

Not exactly a homebrew question per se but I though I'd ask here anyways.

Some time ago I was given an unbuilt kit. The kit is a Philmore
CR5-AC general coverage receiver. It's nothing great. Your usual
beginner's tube type radio. It dates from the early 60's. I have an
old Allied catalogue from 1962 and it sold for 50 bucks back then.
However in the book "Shortwave Receivers Past and Present" it is
listed as being "rare". The kit is complete, with the optional metal
case. It's in fairly good condition. The bandswitch contacts are a
bit tarnished, and I'm sure any electrolytic caps are long gone to
capacitor heaven.

I very rarely come across unbuilt kits, and I do know that unbuilt
Heathkits fetch a pretty good price. Would you build this kit or
leave it as is for posterity's sake? Thanks in advance for your comments.

73
John
VE3CXB

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## 33. Re: [hamradiohomebrew] Happy Birthday...

Yahoo group: hamradiohomebrew
Date: 2005-10-19 23:26:14 UTC
From: don
Topic: 28  Message: 33

I think that I like your theme approach!! nice way to get ideas and plans for projects. cool!!
73, don, kb5gnh
----- Original Message -----
From: Jim
To: hamradiohomebrew@yahoogroups.com
Sent: Wednesday, October 19, 2005 1:14 PM
Subject: [hamradiohomebrew] Happy Birthday...

Well, kind of anyway...

I was born in 1963 and one of the things I'm working on is a station based on designs in QST and the handbook for that year. I'm building the RS-3 receiver from the July 1963 QST (that's the month I was born in by the way). This receiver was also in the scout manuals for the radio merit badge when I was a kid. Always wanted to build it but never did, so that's a little extra motivation. I've got most of the parts, just need to get some decent coil forms. (I've salvaged some octal bases from old tube and was going to build my own, but I've decided some decent commercial coil forms would probably save me a lot of frustration and look more professional.)

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73 de
Jim W4JBM

http://www.geocities.com/w4jbm

"With a soldering iron in one hand, a schematic in the
other, and a puzzled look on his face..."

---
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## 34. Re: [hamradiohomebrew] Re: To build or not to build old radio kit?

Yahoo group: hamradiohomebrew
Date: 2005-10-20 10:05:08 UTC
From: Dave Springer
Topic: 23  Message: 34

I don't know about that. What price do you sell your soul for? There is no economic price on the satisfaction of building your own. Don't get me wrong. I have a shelf full of Kenwood 2M, some Alinco 2M, & HF stuff, and some Yaesu multibanders. Not to mention bunches of commercial gear.

I also have a Heath SB 301, SB 401, Warrior amp, and matching speaker, phone patch, and SWR meter right behind me in the operating position.

Is the Heathkit stuff as good as even my cheap little Alinco? Not only no, but hell no. Would I give up my Heathkit station for a price? I suppose if the price were right, but the satisfaction of using a home brew, albiet kit form is still pretty high.

73,

Dave

---
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## 35. Re: oct19_[hamradiohomebrew] my winter homebrew project

Yahoo group: hamradiohomebrew
Date: 2005-10-20 15:53:43 UTC
From: Walt Breining
Topic: 28  Message: 35

Many years ago I used to build a crystal controlled CW transmitter using a 6BQ5. I also had one using a 6AQ5. I don't have a source readily available but I thought the 6BQ5 set was in a ARRL handbook.
N9WB
----- Original Message -----
From: DAVIDe PARKER
To: hamradiohomebrew@...m
Cc: kd7uvh_g@...
Sent: Wednesday, October 19, 2005 2:23 PM
Subject: oct19_[hamradiohomebrew] my winter homebrew project

DE^ dave kd7uvh
ARRL handbook 1949 pg 173<->175
transmitter 1 xtal 1 6v6/6f6 breadboard
hand wound coils and seperate low level power supply
have fun
dave kd7uvh

--- jb2625 <kd4low@...> wrote:

> hi hi..anyone have any ideas or schematics for a 1
> or 2 tube 40 meter
> transmitter?... wud be a lot of fun to build and
> play with this
> winter..thank in advance...es 73 Jim kd4low.
>
>
>
>

_____
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---
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---

## 36. oct20_[hamradiohomebrew] my winter homebrew project

Yahoo group: hamradiohomebrew
Date: 2005-10-20 16:23:06 UTC
From: DAVIDe PARKER
Topic: 28  Message: 36

Hello Walt Breining <n9wb@...>
DE^ dave kd7uvh

i believe the year was 1963 for the 6BQ5 article
and was originally in QST same year
below is TWO handbooks on EBAY:
http://cgi.ebay.com/Two-ARRL-The-Radio-Amateurs-Handbook-1959-1963_W0QQitemZ5820915170QQcategoryZ15050QQssPageNameZWDVWQQrdZ1QQcmdZViewItem

or send me a self addressed envelope to my qrz.com
address and i'll mail you a copy of the 6V6
transmitter from 1949

good luck eithor way
dave kd7uvh (ebay ID)

--- Walt Breining <n9wb@...> wrote:

> Many years ago I used to build a crystal controlled
> CW transmitter using a 6BQ5. I also had one using a
> 6AQ5. I don't have a source readily available but I
> thought the 6BQ5 set was in a ARRL handbook.
> N9WB
> ----- Original Message -----
> From: DAVIDe PARKER
> To: hamradiohomebrew@yahoogroups.com
> Cc: kd7uvh_g@...
> Sent: Wednesday, October 19, 2005 2:23 PM
> Subject: oct19_[hamradiohomebrew] my winter
> homebrew project
>
>
> DE^ dave kd7uvh
> ARRL handbook 1949 pg 173<->175
> transmitter 1 xtal 1 6v6/6f6 breadboard
> hand wound coils and seperate low level power
> supply
> have fun
> dave kd7uvh
>
> --- jb2625 <kd4low@...> wrote:
>
> > hi hi..anyone have any ideas or schematics for a
> 1
> > or 2 tube 40 meter
> > transmitter?... wud be a lot of fun to build and

> > play with this
> > winter..thank in advance...es 73 Jim kd4low.

KD7UVH 3/11/2003
general class
Dave Parker
7580 E. Vanburen St.
Port Orchard WA 98366

_____
Yahoo! Mail - PC Magazine Editors' Choice 2005
http://mail.yahoo.com

## 37. Air-variable capacitor

Yahoo group: hamradiohomebrew
Date: 2005-10-21 05:09:09 UTC
From: Mike
Topic: 37  Message: 37

Hello all,

Can someome recommend a source for air-variable capacitors for the N1TEV regen recvr project? Say, ~10-150pF. Any info would be appreciated.

Thanks!

Mike
KE7EII

## 38. Letterman

Yahoo group: hamradiohomebrew
Date: 2005-10-21 13:51:37 UTC
From: Walt Breining
Topic: 38  Message: 38

This a bit off topic, but I just noticed that the new microphone on David letterman's desk is a Heil Pro-40. I can't help but think that it is pretty cool.
Vy 73, Walt N9WB
----- Original Message -----
From: John Stein
To: hamradiohomebrew@yahoogroups.com
Sent: Tuesday, October 18, 2005 7:35 PM
Subject: Re: [hamradiohomebrew] 2 meters in Southern Cal

Whew! yet another reason why I don't live in Ca. Or if
I did, it would definitely be incentive for me to
upgrade and just stay on HF.

--- wa6mhz_1 <wa6mhz_1@...> wrote:

> Yes, 2 meters is a NIGHTMARE out here! There are
> repeater wars, Jammers
> and more jammers, and it is true about that special
> repeater just for
> flakes and pottymouths. You just wouldn't believe
> the Language and
> subjects used on there. Makes some adult nightclub
> comedy acts seems like
> a Church gathering!!!! But, thanks to Riley
> Hollingsworth, things are
> getting cleaned up. The main jammer, Jack Geritson,
> has been hauled off
> to jail to the tune of a cheering crowd of hams. He
> terrorized most of
> the repeaters in Southern Cal with his Anti-George
> Bush hate mongering
> speechs. But when he started jamming Public Service
> agencies, that was
> quite enough for the FCC and they stamped on him!!
> 2 meters is packed
> from one end to the other, and there are NO
> frequencies available to do
> anything on, much less hold a QSO. But it looks like
> according to the ARRL
> bandplan, that 145.5 to 145.8 is good for
> "experimental" modes. Hmmmm,
> can AM be considered experimental? The traditional
> AM calling freqs were
> 145.25 and .35, but now those are allocated to
> packet and repeater use.
> Same thing with everything between 144.2 and 145.

> All clogged up. But if
> you tune around, you might not hear anything. WHY??
> Because these are
> PRIVATE frequencies where closed repeaters lie.
> They have a group called
> TASMA, Two Meter Spectrum Management Association,
> that determines who gets
> to use what freqs. Naturally, all repeater pairs
> are spoken for, so there
> is no hope of any ham putting up a repeater. In
> fact, most freqs have 2
> or more repeaters on them and they are PL'd so they
> don't jam each other.
> San Diego is constantly being wasted by LA repeaters
> and users who
> overpower the signals. That is why, when I want to
> talk to a repeater, I
> have to use my big gun 14El Contest antenna and 160W
> linear. The same
> repeater should be accessable with a 100mW HT if
> there weren't co-channel
> repeaters there. The Private Repeaters? They are
> only used by a select
> few who can afford high dues to the group (like over
> $100 a year!!!!) or
> you have to be invited to join a special CLIQUE to
> get permission to key
> up. Consequently, that is why the band is so quiet.
> All those
> frequencies dedicated to the rich and chosen few
> while the masses are
> squeezed into a handful of "OPEN" repeaters. I live
> at a mountaintop QTH
> and my house would be a great site for a repeater,
> but about the only band
> I can put one on is 10GHZ!!!! What??? Yes, 222 and
> 440 Mhz freqs are all
> filled up too. Not a Square inch of spectrum
> available to anyone except
> the special interest groups. So how can we get on
> AM? I can put a whip
> in the back of my Heathkit Twoer and talk across the
> room to another
> Twoer. Good contact! But lets hope it doesn't make
> it out of the room,
> or the repeater owners will be OUTRAGED!!!!
>
>
>
>

_____
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---
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---

## 39. oct21 [hamradiohomebrew] Air-variable capacitor

Yahoo group: hamradiohomebrew
Date: 2005-10-21 15:37:20 UTC
From: DAVIDe PARKER
Topic: 37  Message: 39

Hello Mike <Michael.McCumber@...>
AND THE GROUP !!!
DE^ dave kd7uvh
below is A builder of REGEN radios
and has parts for sale N2DS
Dave Schmarder @ Schmarder.com
http://schmarder.com/radios/misc-stuff/breadboard.htm

Good luck !!!
dave kd7uvh
**********
--- Mike <Michael.McCumber@...> wrote:

Hello all,

Can someome recommend a source for air-variable
capacitors for the
N1TEV regen recvr project? Say, ~10-150pF. Any
info would be
appreciated.

Thanks!

Mike
KE7EII

KD7UVH 3/11/2003
general class
Dave Parker
7580 E. Vanburen St.
Port Orchard WA 98366

---
Yahoo! FareChase: Search multiple travel sites in one click.
http://farechase.yahoo.com

## 40. Re: Air-variable capacitor

Yahoo group: hamradiohomebrew
Date: 2005-10-22 03:52:12 UTC
From: hudakjm@mcmaster.ca
Topic: 37  Message: 40

I'm sure there are others but this should get you started -

RF Parts
http://www.rfparts.com/caps4.html

Surplus Sales of Nebraska
http://www.surplussales.com/Capacitors/CapacitorsAll.html

Antique Electronic Supply
http://www.tubesandmore.com/

Orren Elliot
http://orenelliottproducts.com/capacito.htm

Cardwell
http://www.cardwellcondenser.com/

73
John
VE3CXB

> Can someome recommend a source for air-variable capacitors for the
> N1TEV regen recvr project? Say, ~10-150pF. Any info would be
> appreciated.
>
> Thanks!
>
> Mike
> KE7EII

# 41. Re: [hamradiohomebrew] Re: Air-variable capacitor

Yahoo group: hamradiohomebrew
Date: 2005-10-22 17:22:57 UTC
From: Michael McCumber
Topic: 37  Message: 41
Attachments: 2 described; binary payloads are missing from this source WARC

[ Attachment content not displayed ]

## 42. Re: oct21 [hamradiohomebrew] Air-variable capacitor

Yahoo group: hamradiohomebrew
Date: 2005-10-23 04:36:12 UTC
From: Michael McCumber
Topic: 37  Message: 42
Attachments: 2 described; binary payloads are missing from this source WARC

[ Attachment content not displayed ]

## 43. projects

Yahoo group: hamradiohomebrew
Date: 2005-10-23 16:42:37 UTC
From: don
Topic: 43  Message: 43

I found the following website with a nice bunch of
ham related home brew projects.

http://www.io.com/~n5fc/

He has one for an inductance meter, an item that I do not
currently have, and neither can I afford a commercial meter.
Has anyone here built this or other versions? and how about
accuracy of homebrew inductance meters? close enough, or
really good, or just a good guess-timate?

don

## 44. Re: projects

Yahoo group: hamradiohomebrew
Date: 2005-10-23 19:36:43 UTC
From: patt896
Topic: 43  Message: 44

The 2005 ARRL Handbook has an L/C Meter project using a DVM; pg 25.21.
Far Circuits http://www.farcircuits.net/arrl.htm has boards.

AADE's L/C meter is outstanding. http://www.aade.com

Dick Patten

--- In hamradiohomebrew@yahoogroups.com, "don" <drfrasher@p...> wrote:
>
> I found the following website with a nice bunch of
> ham related home brew projects.
>
> http://www.io.com/~n5fc/
>
> He has one for an inductance meter, an item that I do not
> currently have, and neither can I afford a commercial meter.
> Has anyone here built this or other versions? and how about
> accuracy of homebrew inductance meters? close enough, or
> really good, or just a good guess-timate?
>
> don
>

# 45. Re: [hamradiohomebrew] Re: projects

Yahoo group: hamradiohomebrew
Date: 2005-10-23 19:44:08 UTC
From: Roy J. Tellason
Topic: 43  Message: 45

On Sunday 23 October 2005 03:36 pm, patt896 wrote:
> The 2005 ARRL Handbook has an L/C Meter project using a DVM; pg 25.21.
> Far Circuits http://www.farcircuits.net/arrl.htm has boards.
>
> AADE's L/C meter is outstanding. http://www.aade.com

Interesting stuff, but I'm sure not looking to _buy_ one. Other sites that detail how one might _build_ one would be of interest to me, though.

--
Member of the toughest, meanest, deadliest, most unrelenting -- and ablest -- form of life in this section of space, a critter that can be killed but can't be tamed. --Robert A. Heinlein, "The Puppet Masters"

# 46. New Norcal Frequency Counter, Digital Dial kit

Yahoo group: hamradiohomebrew
Date: 2005-10-29 12:07:11 UTC
From: patt896
Topic: 46  Message: 46

FYI Norcal has a nice new low cost Frequency counter (digital dial) kit
based on the PIC microprocessor.
http://www.norcalqrp.org/fcc1.htm

Dick Patten

# 47. Carry Handle for Heathkit AA-1

Yahoo group: hamradiohomebrew
Date: 2005-10-29 15:25:14 UTC
From: heathtect
Topic: 47  Message: 47

Hello Group,
I need a carry handle for a Heath Audio Analyzer AA-1.Part #211-4,the color of the handle is gray and the mounting holes measures 3 7/8" center to center. Please contact me at, davidbrownbear@...
Thank you David....KF4RQW

# 48. Quick Project!!: 1296 interdigital Filter

Yahoo group: hamradiohomebrew
Date: 2005-11-04 20:30:18 UTC
From: wa6mhz_1
Topic: 48  Message: 48

I have the ARC of El Cajon Homebrew contest only a week from today, and after 51 weeks, I had no entry!! Most of the bench time has been spent repairing the junk radios for the Crest Radio Museum. For those who havent been to the site, here is a link:
http://members.cox.net/wa6mhz
Anyway, I needed a project in a hurry and it turns out the 2 meter AM transmitter is far more complicated than I had dreamed. I am now just beginning to layout the chassis and get the holes drilled. There will be alot of R&D to get it to work. SO that project was shelved for another I have been trying to build for a couple of years. I want to get on 1296 Mhz for the ARRL VHF Contests, and couldn't afford the money required for a rig that works on that frequency. Even the transverters were outrageously expensive. So, once again, if you cannot buy it, you must BUILD it. I acquired a 1154 Mhz Synthesizer from the San Diego Microwave club and built that up. It worked fine (but high phase noise, oh well!) Next I found a Microwave mixer module and a 7W power amp. Now, all I needed was a Bandpass filter as there are lots and LOTS of harmonics and mixer byproducts that need attenuating before it goes to an antenna. The best filter to use is an interdigital tuned line filter, but none were available economically. Searching the web, I found a website that had a filter calculator:
http://www.wa4dsy.net/cgi-bin/idbpf

Here is a beautifully madefilter, by a guy who has access to a machine shop:
http://www.vhfman.freeuk.com/radio/interdigit.html

And another fine filter design:
http://www.ussc.com/~uarc/utah_atv/interdigital1.html

Not having all the fancy equipment, I decided to make one out of PCB.
I used 11/32 brass tubing found at the Hobby store.
The screws for tuning are brass and from Home Depot.
The PCB was cut, drilled and filed to fit the calculated specs. All the PCB was soldered together, but the structural rigidity is in need of improvement. That is why the others used aluminum bars for chassis. The tubing was soldered in place and the 6-32 bolts installed for the tuning screws. It looked great, but would it work? I tested it on the company Network anaylzer. At first, I feared it was useless, but after carefull and repeated adjustment it worked great! The screws are very delicate and a hair of a turn right or left can make a wild difference. I examined the waveform and it had a very excellent SWR at 1296 Mhz with a bandwith of 893 Khz. So it is very sharp, very low loss and will work great if mechanically mounted where it will not be budged. SUCCESS!!!! Now,I have to build the

rest of the Transverter. But first, lets see how it does in the Homebrew Contest!

# 49. Re: [hamradiohomebrew] Quick Project!!: 1296 interdigital Filter

Yahoo group: hamradiohomebrew
Date: 2005-11-04 21:54:17 UTC
From: don
Topic: 48  Message: 49

Sounds like a great project!! do you think you could post details and pics of the filter to the
group page? if not maybe a link to your own site showing the plans and your construction of it?
Thanks, and best of luck!!!

73, Don , KE7FFM (kb5gnh)
----- Original Message -----
From: wa6mhz_1
To: hamradiohomebrew@yahoogroups.com
Sent: Friday, November 04, 2005 1:30 PM
Subject: [hamradiohomebrew] Quick Project!!: 1296 interdigital Filter

I have the ARC of El Cajon Homebrew contest only a week from today,
and after 51 weeks, I had no entry!! Most of the bench time has been
spent repairing the junk radios for the Crest Radio Museum. For those
who havent been to the site, here is a link:
http://members.cox.net/wa6mhz
Anyway, I needed a project in a hurry and it turns out the 2 meter AM
transmitter is far more complicated than I had dreamed. I am now just
beginning to layout the chassis and get the holes drilled. There will
be alot of R&D to get it to work. SO that project was shelved for
another I have been trying to build for a couple of years. I want to
get on 1296 Mhz for the ARRL VHF Contests, and couldn't afford the
money required for a rig that works on that frequency. Even the
transverters were outrageously expensive. So, once again, if you
cannot buy it, you must BUILD it. I acquired a 1154 Mhz Synthesizer
from the San Diego Microwave club and built that up. It worked fine
(but high phase noise, oh well!) Next I found a Microwave mixer
module and a 7W power amp. Now, all I needed was a Bandpass filter as
there are lots and LOTS of harmonics and mixer byproducts that need
attenuating before it goes to an antenna. The best filter to use is
an interdigital tuned line filter, but none were available
economically. Searching the web, I found a website that had a filter
calculator:
http://www.wa4dsy.net/cgi-bin/idbpf

Here is a beautifully madefilter, by a guy who has access to a machine
shop:
http://www.vhfman.freeuk.com/radio/interdigit.html

And another fine filter design:
http://www.ussc.com/~uarc/utah_atv/interdigital1.html

Not having all the fancy equipment, I decided to make one out of PCB.
I used 11/32 brass tubing found at the Hobby store.

The screws for tuning are brass and from Home Depot.
The PCB was cut, drilled and filed to fit the calculated specs. All
the PCB was soldered together, but the structural rigidity is in need
of improvement. That is why the others used aluminum bars for
chassis. The tubing was soldered in place and the 6-32 bolts
installed for the tuning screws. It looked great, but would it work?
I tested it on the company Network anaylzer. At first, I feared it
was useless, but after carefull and repeated adjustment it worked
great! The screws are very delicate and a hair of a turn right or
left can make a wild difference. I examined the waveform and it had a
very excellent SWR at 1296 Mhz with a bandwith of 893 Khz. So it is
very sharp, very low loss and will work great if mechanically mounted
where it will not be budged. SUCCESS!!!! Now,I have to build the
rest of the Transverter. But first, lets see how it does in the
Homebrew Contest!

---
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---

## 50. Re: parts for loop ant

Yahoo group: hamradiohomebrew
Date: 2005-11-09 13:28:17 UTC
From: w4rjp
Topic: 17  Message: 50

I own the AEA and MFJ magnetic loops. Both use welded capacitors and have an extremely high Q and very narrow bandwidth.

As an alternative to using an off the shelf regular radio type variable, you might want to try to build a "trombone" slide variable cap. There was an excellent construction article in QST several years ago. I have found the problem with using regular (press fit wiper capacitors is loss.

Bob, W4RJP

--- In hamradiohomebrew@yahoogroups.com, "dldorrance" <dldorrance@h...> wrote:
>
> --- In hamradiohomebrew@yahoogroups.com, "Richard A. Waltman" <kj5pn@y...> wrote:
> >
> > Hi,
> > Name is Richard call kj5pn
> >
> > I am looking for a var cap for the loop ant listed on page 33 of May
> > 1994 QST. Tht part number given is from Ten-Tec. I called them and
> > they nolonger carry that part. It is a 2 to 100 pf cap. any help would
> > be appreciated.
> > 73's
> >
>
> Hi Richard,
>
> I looked up the article, which is a construction project for a 30 thru
> 12 meter small transmiting loop for qrp, made out of 5/8 inch soft
> copper tubing. The capacitor specified is a "low loss" wiper variable
> capacitor.
>
> It is just as well that you are unable to locate this capacitor. I
> would not use this capacitor due to resistive losses in the wiper
> which will decrease loop efficiency. Instead I suggest you look for
> a 200 pf to 365 pf dual ganged variable capacitor, attaching one side
> of the loop to one stator and the other side of the loop to the

other
> stator (don't use the wipers). Another choice would be to find a
200
> pf split stator capacitor, perhaps on eBay. Yet another choice
would
> be a 200 pf butterfly capacitor, or a vacuum variable ($$$).
>
> The article specifies 7 watts of power. This translates into a
> voltage of 1.4 kV. I think (but am not sure) an ordinary receiving
> variable capacitor will work here.
>
> You may tailor the size of the loop to the value of your capacitor.
> What you might want to do is run some numbers. Download the program
> loopcalc.zip from the site below. Unzip it and run the loopcalc.exe
> program, plug in the variables and look at your options.
> http://www.alan.melia.btinternet.co.uk/programs.htm
>
> Some general guidelines regarding small loops. For the center
> frequency the loop circumference is usually 1/8 wavelength. The
sense
> loop is 1/5 the diameter (or circumference) of the main loop.
Tuning
> requires an antenna analyzer or field strength meter. The tuning
> involves altering the size and shape of the sense loop so that the
low
> impedance of the main loop transforms to 50 ohms at the sense
loop.
> This also translates into an SWR at the sense loop of 1:1. The
> tuning is very sharp and easily missed.
>
> With the plane of the loop perpendicular to the ground, a small loop
> does not need much height to work well. The pattern is figure 8,
with
> the nulls perpendicular to the plane of the loop and the maximum
> signal off the ends of the loop (just the opposite of full size
> loops). Small loops radiate well at low and high angles
> simultaneously and have slightly less gain than a dipole. With the
> plane of the loop parallel to the ground the loop radiates in an
> omnidirectiional pattern like a vertical, but must be 1/2 wavelength
> off the ground, like a dipole, for low angle radiation.
>
> Have fun.
>
> Dave WA6YSO
>

## 51. Re: Air-variable capacitor

Yahoo group: hamradiohomebrew
Date: 2005-11-09 13:30:33 UTC
From: w4rjp
Topic: 37  Message: 51

You might also want to check out Dan's Small Parts and Kits. He
still stocks some variables and his prices are very reasonable.

Bob, W4RJP

--- In hamradiohomebrew@yahoogroups.com, Michael McCumber
<Michael.McCumber@g...> wrote:
>
> John,
> Thanks! I'm about to check them out.
> Mike
> KE7EII
>
> On 10/21/05, hudakjm@m... <hudakjm@m...> wrote:
> >
> > I'm sure there are others but this should get you started -
> >
> > RF Parts
> > http://www.rfparts.com/caps4.html
> >
> > Surplus Sales of Nebraska
> > http://www.surplussales.com/Capacitors/CapacitorsAll.html
> >
> > Antique Electronic Supply
> > http://www.tubesandmore.com/
> >
> > Orren Elliot
> > http://orenelliottproducts.com/capacito.htm
> >
> > Cardwell
> > http://www.cardwellcondenser.com/
> >
> >
> > 73
> > John
> > VE3CXB
> >
> >
> > > Can someome recommend a source for air-variable capacitors for
the
> > > N1TEV regen recvr project? Say, ~10-150pF. Any info would be
> > > appreciated.
> > >
> > > Thanks!
> > >

> > > Mike
> > > KE7EII
> >
> >
> > SPONSORED LINKS
> > Tube radio<http://groups.yahoo.com/gads?
t=ms&k=Tube+radio&w1=Tube+radio&w2=Radio&w3=Solid+state&w4=Entertainme
nt+arts&c=4&s=68&.sig=1ms4MMS9YuSeN34LyMroXA>
> > Radio<http://groups.yahoo.com/gads?
t=ms&k=Radio&w1=Tube+radio&w2=Radio&w3=Solid+state&w4=Entertainment+ar
ts&c=4&s=68&.sig=3MJ_xj3o2UnJ8UX50VXEHg> Solid
> > state<http://groups.yahoo.com/gads?
t=ms&k=Solid+state&w1=Tube+radio&w2=Radio&w3=Solid+state&w4=Entertainm
ent+arts&c=4&s=68&.sig=qCtE0qRlrmOQmv6stZ5VgQ> Entertainment
> > arts<http://groups.yahoo.com/gads?
t=ms&k=Entertainment+arts&w1=Tube+radio&w2=Radio&w3=Solid+state&w4=Ent
ertainment+arts&c=4&s=68&.sig=p1HLNq7b2YJ7DYdVRYGv4A>
> > ------------------------------
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> > Service <http://docs.yahoo.com/info/terms/>.
> >
> >
> > ------------------------------
> >
>

## 52. Re: Air-variable capacitor

Yahoo group: hamradiohomebrew
Date: 2005-11-09 15:13:31 UTC
From: dldorrance
Topic: 37  Message: 52

eBay is another source of air variables. Search variable capacitor,
variable condenser.

Dave WA6YSO

--- In hamradiohomebrew@yahoogroups.com, "w4rjp" <pearsall20@h...> wrote:
>
> You might also want to check out Dan's Small Parts and Kits. He
> still stocks some variables and his prices are very reasonable.
>
> Bob, W4RJP
>
> --- In hamradiohomebrew@yahoogroups.com, Michael McCumber
> <Michael.McCumber@g...> wrote:
> >
> > John,
> > Thanks! I'm about to check them out.
> > Mike
> > KE7EII
> >
> > On 10/21/05, hudakjm@m... <hudakjm@m...> wrote:
> > >
> > > I'm sure there are others but this should get you started -
> > >
> > > RF Parts
> > > http://www.rfparts.com/caps4.html
> > >
> > > Surplus Sales of Nebraska
> > > http://www.surplussales.com/Capacitors/CapacitorsAll.html
> > >
> > > Antique Electronic Supply
> > > http://www.tubesandmore.com/
> > >
> > > Orren Elliot
> > > http://orenelliottproducts.com/capacito.htm
> > >
> > > Cardwell
> > > http://www.cardwellcondenser.com/
> > >
> > >
> > > 73
> > > John
> > > VE3CXB
> > >
> > >

> > > > Can someome recommend a source for air-variable capacitors for
> the
> > > > > N1TEV regen recvr project? Say, ~10-150pF. Any info would be
> > > > > appreciated.
> > > > >
> > > > > Thanks!
> > > > >
> > > > > Mike
> > > > > KE7EII
> > > >
> > > >
> > > > SPONSORED LINKS
> > > > Tube radio<http://groups.yahoo.com/gads?
> t=ms&k=Tube+radio&w1=Tube+radio&w2=Radio&w3=Solid+state&w4=Entertainme
> nt+arts&c=4&s=68&.sig=1ms4MMS9YuSeN34LyMroXA>
> > > Radio<http://groups.yahoo.com/gads?
> t=ms&k=Radio&w1=Tube+radio&w2=Radio&w3=Solid+state&w4=Entertainment+ar
> ts&c=4&s=68&.sig=3MJ_xj3o2UnJ8UX50VXEHg> Solid
> > > state<http://groups.yahoo.com/gads?
> t=ms&k=Solid+state&w1=Tube+radio&w2=Radio&w3=Solid+state&w4=Entertainm
> ent+arts&c=4&s=68&.sig=qCtE0qRlrmOQmv6stZ5VgQ> Entertainment
> > > arts<http://groups.yahoo.com/gads?
> t=ms&k=Entertainment+arts&w1=Tube+radio&w2=Radio&w3=Solid+state&w4=Ent
> ertainment+arts&c=4&s=68&.sig=p1HLNq7b2YJ7DYdVRYGv4A>
> > > ------------------------------
> > > YAHOO! GROUPS LINKS
> > >
> > >
> > > - Visit your
> group "hamradiohomebrew<http://groups.yahoo.com/group/hamradiohomebrew
> >"
> > > on the web.
> > > - To unsubscribe from this group, send an email to:
> > > hamradiohomebrew-unsubscribe@yahoogroups.com<hamradiohomebrew-
> unsubscribe@yahoogroups.com?subject=Unsubscribe>
> > > - Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> > > Service <http://docs.yahoo.com/info/terms/>.
> > >
> > >
> > > ------------------------------
> > >
> > >
>

# 53. Re: New Norcal Frequency Counter, Digital Dial kit

Yahoo group: hamradiohomebrew
Date: 2005-11-09 17:59:47 UTC
From: w9dz
Topic: 46  Message: 53

I received mine about a week ago but haven't assembled it yet. A future upgrade will be a DDS VFO add-on from NorCal. That was my primary reason for buying.

Allen, W9DZ

--- In hamradiohomebrew@yahoogroups.com, "patt896" <d.patten@a...> wrote:
>
> FYI Norcal has a nice new low cost Frequency counter (digital dial) kit
> based on the PIC microprocessor.
> http://www.norcalqrp.org/fcc1.htm
>
> Dick Patten
>

# 54. Re: oct19_[hamradiohomebrew] my winter homebrew project

Yahoo group: hamradiohomebrew
Date: 2005-11-10 14:04:12 UTC
From: w1hrm
Topic: 28  Message: 54

--- In hamradiohomebrew@yahoogroups.com, "Walt Breining" <n9wb@n...>
wrote:
>
> Many years ago I used to build a crystal controlled CW transmitter
using a 6BQ5. I also had one using a 6AQ5. I don't have a source
readily available but I thought the 6BQ5 set was in a ARRL handbook.
> N9WB
> ----- Original Message -----
> From: DAVIDe PARKER
> To: hamradiohomebrew@yahoogroups.com
> Cc: kd7uvh_g@y...
> Sent: Wednesday, October 19, 2005 2:23 PM
> Subject: oct19_[hamradiohomebrew] my winter homebrew project
>
>
> DE^ dave kd7uvh
> ARRL handbook 1949 pg 173<->175
> transmitter 1 xtal 1 6v6/6f6 breadboard
> hand wound coils and seperate low level power supply
> have fun
> dave kd7uvh
>
> --- jb2625 <kd4low@a...> wrote:
>
> > hi hi..anyone have any ideas or schematics for a 1
> > or 2 tube 40 meter
> > transmitter?... wud be a lot of fun to build and
> > play with this
> > winter..thank in advance...es 73 Jim kd4low.
> >
> >
> >
> >
>
>
>

Hi,
I came up thru the same era. I built a one tube 6aq5 transmitter for
80 meters novice band. I think it ran 10 watts. I made quite a few
contacts with it. There were other one tube rigs. I think the wood
chassis with handwound coils on popsicle sticks was fun.
The 6AQ5 rig was a collpits oscillator xtal controlled. I also built
one tube regenerative receivers. Almost any basic osc circuit in the
handbooks will work fine but make sure it doesnt have strong

harmonics. A tuner would help filter.

# 55. Re: New Norcal Frequency Counter, Digital Dial kit

Yahoo group: hamradiohomebrew
Date: 2005-11-10 14:28:12 UTC
From: patt896
Topic: 46  Message: 55

Haven't received my kit yet.
AA0ZZ has announced his new IQ-DDS VFO Pro at:
http://groups.yahoo.com/group/dds-vfo/

AMQRP offers a new DDS 60 VFO at:
http://www.amqrp.org/kits/dds60/index.html

I'm looking forward to seeing KK7P's new DDS-2:
http://www.amqrp.org/kits/softrock40/futures.html

Any information available about NORCAL's new DDS VFO?

Dick Patten

--- In hamradiohomebrew@yahoogroups.com, "w9dz" <w9dz@y...> wrote:
>
> I received mine about a week ago but haven't assembled it yet. A
> future upgrade will be a DDS VFO add-on from NorCal. That was my
> primary reason for buying.
>
> Allen, W9DZ
>
> --- In hamradiohomebrew@yahoogroups.com, "patt896" <d.patten@a...>
> wrote:
> >
> > FYI Norcal has a nice new low cost Frequency counter (digital
dial)
> kit
> > based on the PIC microprocessor.
> > http://www.norcalqrp.org/fcc1.htm
> >
> > Dick Patten
> >
>

## 56. Re: New Norcal Frequency Counter, Digital Dial kit

Yahoo group: hamradiohomebrew
Date: 2005-11-10 14:50:21 UTC
From: w9dz
Topic: 46  Message: 56

Going by the info on the web page:

http://www.norcalqrp.org/fcc1.htm

The VFO is in development and will be available in "several months".

Allen, W9DZ

--- In hamradiohomebrew@yahoogroups.com, "patt896" <d.patten@a...>
wrote:
://www.amqrp.org/kits/softrock40/futures.html
>
> Any information available about NORCAL's new DDS VFO?
>
> Dick Patten
>
>

# 57. Re: oct19_[hamradiohomebrew] my winter homebrew project

Yahoo group: hamradiohomebrew
Date: 2005-11-10 15:02:16 UTC
From: patt896
Topic: 28  Message: 57

Glowbug schematics and parts lists from 60's era ARRL
Handbooks at:
http://www.qsl.net/n6ev/Glowbug.html

Dick Patten

--- In hamradiohomebrew@yahoogroups.com, "w1hrm" <jbreeyea@z...>
wrote:
>
> --- In hamradiohomebrew@yahoogroups.com, "Walt Breining" <n9wb@n...>
> wrote:
> >
> > Many years ago I used to build a crystal controlled CW transmitter
> using a 6BQ5. I also had one using a 6AQ5. I don't have a source
> readily available but I thought the 6BQ5 set was in a ARRL handbook.
> > N9WB
> > ----- Original Message -----
> > From: DAVIDe PARKER
> > To: hamradiohomebrew@yahoogroups.com
> > Cc: kd7uvh_g@y...
> > Sent: Wednesday, October 19, 2005 2:23 PM
> > Subject: oct19_[hamradiohomebrew] my winter homebrew project
> >
> >
> > DE^ dave kd7uvh
> > ARRL handbook 1949 pg 173<->175
> > transmitter 1 xtal 1 6v6/6f6 breadboard
> > hand wound coils and seperate low level power supply
> > have fun
> > dave kd7uvh
> >
> > --- jb2625 <kd4low@a...> wrote:
> >
> > > hi hi..anyone have any ideas or schematics for a 1
> > > or 2 tube 40 meter
> > > transmitter?... wud be a lot of fun to build and
> > > play with this
> > > winter..thank in advance...es 73 Jim kd4low.
> > >
> > >
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> > >

>
> Hi,
> I came up thru the same era. I built a one tube 6aq5 transmitter for
> 80 meters novice band. I think it ran 10 watts. I made quite a few
> contacts with it. There were other one tube rigs. I think the wood
> chassis with handwound coils on popsicle sticks was fun.
> The 6AQ5 rig was a collpits oscillator xtal controlled. I also built
> one tube regenerative receivers. Almost any basic osc circuit in
the
> handbooks will work fine but make sure it doesnt have strong
> harmonics. A tuner would help filter.
>

## 58. Re: oct19_[hamradiohomebrew] my winter homebrew project

Yahoo group: hamradiohomebrew
Date: 2005-11-10 16:20:47 UTC
From: wa6mhz_1
Topic: 28  Message: 58

```
Thank you Dick, for that excellent link!!! This is exactly what our
new group is all about!! I will add it to the link section!!
73!
Pat WA6MHZ
-

-- In hamradiohomebrew@yahoogroups.com, "patt896" <d.patten@a...>
wrote:
>
> Glowbug schematics and parts lists from 60's era ARRL
> Handbooks at:
> http://www.qsl.net/n6ev/Glowbug.html
>
> Dick Patten
>
> --- In hamradiohomebrew@yahoogroups.com, "w1hrm" <jbreeyea@z...>
> wrote:
> >
> > --- In hamradiohomebrew@yahoogroups.com, "Walt Breining" <n9wb@n.
..>
> > wrote:
> > >
> > > Many years ago I used to build a crystal controlled CW
transmitter
> > using a 6BQ5. I also had one using a 6AQ5. I don't have a source
> > readily available but I thought the 6BQ5 set was in a ARRL
handbook.
> > > N9WB
> > > ----- Original Message -----
> > > From: DAVIDe PARKER
> > > To: hamradiohomebrew@yahoogroups.com
> > > Cc: kd7uvh_g@y...
> > > Sent: Wednesday, October 19, 2005 2:23 PM
> > > Subject: oct19_[hamradiohomebrew] my winter homebrew project
> > >
> > >
> > > DE^ dave kd7uvh
> > > ARRL handbook 1949 pg 173<->175
> > > transmitter 1 xtal 1 6v6/6f6 breadboard
> > > hand wound coils and seperate low level power supply
> > > have fun
> > > dave kd7uvh
> > >
> > > --- jb2625 <kd4low@a...> wrote:
> > >
```

> > > > hi hi..anyone have any ideas or schematics for a 1
> > > > or 2 tube 40 meter
> > > > transmitter?... wud be a lot of fun to build and
> > > > play with this
> > > > winter..thank in advance...es 73 Jim kd4low.
> > > >
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> >
> > Hi,
> > I came up thru the same era. I built a one tube 6aq5 transmitter
for
> > 80 meters novice band. I think it ran 10 watts. I made quite a few
> > contacts with it. There were other one tube rigs. I think the wood
> > chassis with handwound coils on popsicle sticks was fun.
> > The 6AQ5 rig was a collpits oscillator xtal controlled. I also
built
> > one tube regenerative receivers. Almost any basic osc circuit in
> the
> > handbooks will work fine but make sure it doesnt have strong
> > harmonics. A tuner would help filter.
> >
>

## 59. New Member

Yahoo group: hamradiohomebrew
Date: 2005-11-10 16:29:25 UTC
From: Ian Wilson
Topic: 59  Message: 59

Hello all, great to see a homebrewing group doing well!

QTH is Southern CA (so another possible 2m AM site here, hi). I do quite a bit of homebrew, 90% tube-based for the past year. Main current project is a 'scope clock', getting one or more of those lovely CRTs out and on view doing something more or less useful!

73, ian K3IMW/6

## 60. Re: New Member

Yahoo group: hamradiohomebrew
Date: 2005-11-10 16:40:52 UTC
From: wa6mhz_1
Topic: 59  Message: 60

Hi Ian!
Wonder if you have a view towards San Diego? I would like to try 2M AM sometime (Have to dust one of my dozens of 2M AM sets off). Sure don't want to make the repeater owners mad, but we desperately do need some 2 MeterAM activity here. I regularly work most of LA with my SSB contest station, so 2M AM would be just as easy. 73, Pat in Crest, just east of San Diego
--- In hamradiohomebrew@yahoogroups.com, "Ian Wilson" <woooey@h...> wrote:
>
> Hello all, great to see a homebrewing group doing well!
>
> QTH is Southern CA (so another possible 2m AM site here, hi). I do
> quite a bit of homebrew, 90% tube-based for the past year. Main current
> project is a 'scope clock', getting one or more of those lovely CRTs
> out and on view doing something more or less useful!
>
> 73, ian K3IMW/6
>

## 61. Re: New Member

Yahoo group: hamradiohomebrew
Date: 2005-11-10 20:03:39 UTC
From: Ian Wilson
Topic: 59  Message: 61

Hi Pat,

I don't believe I have a line of sight to San Diego from home. We do work San Diego stations mobile during Field Day, etc. The 5 Fwy is about 2 miles West of here.

I have a number of carefully hoarded chassis here. Several are clearly AM rigs, probably intended as mobile. Some time I would like to build an AM rig, and it might just as well be 2m!

In the meantime my mobile rig (FT-100D) is allmode so if I'm ever heading your way we could try a sked.

73, ian K3IMW/6

# 62. ARC of El Cajon Homebrew Contest Results

Yahoo group: hamradiohomebrew
Date: 2005-11-11 14:05:29 UTC
From: wa6mhz_1
Topic: 62  Message: 62

Last night was the judging for the annual Homebrew contest, and there was stiff competition. In the Beginner category, Mike Kilgore KI6ACI and Tony WA6ZMZ entered a bar graph S-Meter with audio output. As the signal strength increased, so did the audio tone, which is designed for peaking a beam quickly during T-hunting. This way, you can keep your eyes on the road and still take a bearing. Mike and Tony took First place with this entry. In the Antenna division, Cal Tyler KG6FBV won with a 4 element 2 meter T-Hunt beam made out of Stainless Steel rod and PVC. In the Senior division, 2nd place went to Mike Lebo N6IEF with a 3KW antenna balun. 1st Place went to WA6MHZ for the 1296 Mhz Interdigital Filter. I will be placing photos of the filter in the Photo section once I get some with my digital camera. Homebrew contests are alot of fun, and I encourage all to suggest them to their local radio club and make it an annual event. One project that I built in 1980 is a digital volmeter and temperature indicator. It is a 4 1/2 digit using LEDs and with ranges from 10 mV to 1000V. What is special about it is that the temp section measures temperature with resolution to 1/100 of a degree!!!! Just walking towards it causes the display to change from your radiant body heat. This project won in 1980, and was then subjected to a burn in. Yes, it has burned in for TWENTY FIVE YEARS!!!!!!!!!!!!!! The LEDs are getting quite dim, but it still works great! How many other Homebrew projects run for 25 years almost non-stop with no failures? It was all wired point to point with wire wrap wire. Will have to photo it too. 73, WA6MHZ

## 63. Parts is parts

Yahoo group: hamradiohomebrew
Date: 2005-11-12 15:08:53 UTC
From: bcarling@cfl.rr.com
Topic: 63  Message: 63

Hi guys...

Is it OK to offer homebrew parts for sale on here?

Brian

# 64. FS: Heathkit and Hamtronics items

Yahoo group: hamradiohomebrew
Date: 2005-11-13 18:19:16 UTC
From: bcarling@cfl.rr.com
Topic: 64  Message: 64

FOR SALE:

Heathkit HD19 Phone Patch. Matches the Apache,
Marauder and other two-tone rigs.
Nice accessory to round out your vintage Heath
collection. Very good condition.
Available for $15.00 plus shipping.

Heathkit Narrow SSB Crystal Filter 404-283
New in box - Characteristics: 2.2Khz bandwidth at
-6dB,
Center Frequency: 3395.10 kHz.
See:
http://www.qsl.net/k5bcq/102/102.html
Used with the SB-101, SB-102 and some other
Heathkit rigs that use a 3.395 MHz i.f.
New in the box - Now Reduced to $25.00 plus
shipping.

Hamtronics VHF converter.
Comes with the 42.5 MHz crystal type HC50. Not
sure
which band this is for.
Unfinished kit still has the parts needed to
complete
it. Looks about 95% finished. Great project with
some quality shielded i.f transformers and coils.

Available for $6.00 plus shipping.

Pictures and details at:

http://www.af4k.com/miscpart.htm

# 65. Re: Parts is parts

Yahoo group: hamradiohomebrew
Date: 2005-11-14 17:18:17 UTC
From: wa6mhz_1
Topic: 63  Message: 65

Hi Brian
Yes, by all means, your parts are most welcome, just as long as they are Electronics oriented. No old dresses or Bedroom sets, but your listing of those items is highly appreciated! Just wish I could afford them after all the pricey Ebay purchases. Lost a fixable SB-101 by Sunday to some miserable sniper. Almost had it for $64! SURE wish I could come into one of those. Have plenty of HWs and SBs, just no 101 or 102. 73 Brian!
Pat-
-- In hamradiohomebrew@yahoogroups.com, bcarling@c... wrote:
>
> Hi guys...
>
> Is it OK to offer homebrew parts for sale on here?
>
> Brian
>

## 66. Re: FS: Heathkit and Hamtronics items

Yahoo group: hamradiohomebrew
Date: 2005-11-14 17:29:34 UTC
From: wa6mhz_1
Topic: 64  Message: 66

I added your fine web page to the Links, Brian! It is very
informative and timely! Thanks, Brian!!!

e--- In hamradiohomebrew@yahoogroups.com, bcarling@c... wrote:
>
> FOR SALE:
>
> Heathkit HD19 Phone Patch. Matches the Apache,
> Marauder and other two-tone rigs.
> Nice accessory to round out your vintage Heath
> collection. Very good condition.
> Available for $15.00 plus shipping.
>
> Heathkit Narrow SSB Crystal Filter 404-283
> New in box - Characteristics: 2.2Khz bandwidth at
> -6dB,
> Center Frequency: 3395.10 kHz.
> See:
> http://www.qsl.net/k5bcq/102/102.html
> Used with the SB-101, SB-102 and some other
> Heathkit rigs that use a 3.395 MHz i.f.
> New in the box - Now Reduced to $25.00 plus
> shipping.
>
>
> Hamtronics VHF converter.
> Comes with the 42.5 MHz crystal type HC50. Not
> sure
> which band this is for.
> Unfinished kit still has the parts needed to
> complete
> it. Looks about 95% finished. Great project with
> some quality shielded i.f transformers and coils.
>
> Available for $6.00 plus shipping.
>
> Pictures and details at:
>
> http://www.af4k.com/miscpart.htm
>

# 67. parts pages updated

Yahoo group: hamradiohomebrew
Date: 2005-11-14 19:13:58 UTC
From: Roy J. Tellason
Topic: 67  Message: 67

I've recently updated my "parts pages", which you can find at:

http://yourpage.blazenet.net/rtellason/parts.html

Please note that the datasheets are _not_ online (I have 'em if you can't find 'em), my provider doesn't offer me that much space for free.

Perhaps some of you guys will find this stuff useful.

--
Member of the toughest, meanest, deadliest, most unrelenting -- and ablest -- form of life in this section of space, a critter that can be killed but can't be tamed. --Robert A. Heinlein, "The Puppet Masters"

# 68. K6STI's Coil Program

Yahoo group: hamradiohomebrew
Date: 2005-11-15 02:01:08 UTC
From: Donald D Wilson
Topic: 68  Message: 68

Hi

I would appreciate it if someone would direct me to where I can
download a copy of K6STI's COIL program.

Thanks

Don N9ZGE

# 69. Re: [hamradiohomebrew] K6STI's Coil Program

Yahoo group: hamradiohomebrew
Date: 2005-11-15 02:22:44 UTC
From: Michael McCumber
Topic: 68  Message: 69
Attachments: 2 described; binary payloads are missing from this source WARC

[ Attachment content not displayed ]

# 70. Re: [hamradiohomebrew] Re: Parts is parts

Yahoo group: hamradiohomebrew
Date: 2005-11-15 02:25:44 UTC
From: bcarling@cfl.rr.com
Topic: 63  Message: 70

Thank you Pat. Yes, I concur. I rarely waste my time on eBay
unless I just have time to kill!

On 14 Nov 2005 at 17:18, wa6mhz_1 wrote:

> Hi Brian
> Yes, by all means, your parts are most welcome, just as long as they
> are Electronics oriented. No old dresses or Bedroom sets, but your
> listing of those items is highly appreciated! Just wish I could
> afford them after all the pricey Ebay purchases. Lost a fixable SB-
> 101 by Sunday to some miserable sniper. Almost had it for $64! SURE
> wish I could come into one of those. Have plenty of HWs and SBs, just
> no 101 or 102. 73 Brian!
> Pat-
> -- In hamradiohomebrew@yahoogroups.com, bcarling@c... wrote:
> >
> > Hi guys...
> >
> > Is it OK to offer homebrew parts for sale on here?
> >
> > Brian
> >
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>
> Yahoo! Groups Links
>
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# 71. Re: [hamradiohomebrew] Re: FS: Heathkit and Hamtronics items

Yahoo group: hamradiohomebrew
Date: 2005-11-15 02:27:32 UTC
From: bcarling@cfl.rr.com
Topic: 64  Message: 71

THANK YOU!

I add homebrew items frequently and there are some neat old
construction articles on my site too.

On 14 Nov 2005 at 17:29, wa6mhz_1 wrote:

> I added your fine web page to the Links, Brian! It is very
> informative and timely! Thanks, Brian!!!
>
>
> e--- In hamradiohomebrew@yahoogroups.com, bcarling@c... wrote:
> >
> > FOR SALE:
> >
> > Heathkit HD19 Phone Patch. Matches the Apache,
> > Marauder and other two-tone rigs.
> > Nice accessory to round out your vintage Heath
> > collection. Very good condition.
> > Available for $15.00 plus shipping.
> >
> > Heathkit Narrow SSB Crystal Filter 404-283
> > New in box - Characteristics: 2.2Khz bandwidth at
> > -6dB,
> > Center Frequency: 3395.10 kHz.
> > See:
> > http://www.qsl.net/k5bcq/102/102.html
> > Used with the SB-101, SB-102 and some other
> > Heathkit rigs that use a 3.395 MHz i.f.
> > New in the box - Now Reduced to $25.00 plus
> > shipping.
> >
> >
> > Hamtronics VHF converter.
> > Comes with the 42.5 MHz crystal type HC50. Not
> > sure
> > which band this is for.
> > Unfinished kit still has the parts needed to
> > complete
> > it. Looks about 95% finished. Great project with
> > some quality shielded i.f transformers and coils.
> >
> > Available for $6.00 plus shipping.
> >
> > Pictures and details at:
> >

> > http://www.af4k.com/miscpart.htm
> >
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>
>
>
> Yahoo! Groups Links
>
>
>
>
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>
>

# 72. Re: [hamradiohomebrew] K6STI's Coil Program

Yahoo group: hamradiohomebrew
Date: 2005-11-15 02:43:26 UTC
From: Donald D Wilson
Topic: 68  Message: 72

Hi Michael

Thanks for your help but this COIL program is by KA4KNG not K6STI.

Do you have any other suggestions?

I spend most of the afternoon looking for K6STI's COIL program without
any luck. I did find several references to it.

Thanks

Don N9ZGE

Michael McCumber wrote:

> Don,
>
> Is this it?
>
> http://www.bychoice.com/~ssalkow/software.htm
> <http://www.bychoice.com/%7Essalkow/software.htm>
>
> Try this link, about 1/4 of the way down the page under "ECAD and
> Electronics and Communications Programs". Its coil.exe.
>
> Good luck...
> Mike
> KE7EII
>
>
> On 11/14/05, Donald D Wilson <wilson_newsgroups@...
> <mailto:wilson_newsgroups@...>> wrote:
>
> Hi
>
> I would appreciate it if someone would direct me to where I can
> download a copy of K6STI's COIL program.
>
> Thanks
>
> Don N9ZGE
>
>
>
>
>
> ------------------------------------------------------------------------
> YAHOO! GROUPS LINKS

>
> * Visit your group "hamradiohomebrew
> <http://groups.yahoo.com/group/hamradiohomebrew>" on the web.
>
> * To unsubscribe from this group, send an email to:
> hamradiohomebrew-unsubscribe@yahoogroups.com
> <mailto:hamradiohomebrew-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
>
>
> ---
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>
> SPONSORED LINKS
> Tube radio
> <http://groups.yahoo.com/gads?t=ms&k=Tube+radio&w1=Tube+radio&w2=Radio&w3=Solid+state&w4
=Entertainment+arts&c=4&s=68&.sig=1ms4MMS9YuSeN34LyMroXA>
> Radio
> <http://groups.yahoo.com/gads?t=ms&k=Radio&w1=Tube+radio&w2=Radio&w3=Solid+state&w4=Ente
rtainment+arts&c=4&s=68&.sig=3MJ_xj3o2UnJ8UX50VXEHg>
> Solid state
> <http://groups.yahoo.com/gads?t=ms&k=Solid+state&w1=Tube+radio&w2=Radio&w3=Solid+state&w
4=Entertainment+arts&c=4&s=68&.sig=qCtE0qRlrmOQmv6stZ5VgQ>
>
> Entertainment arts
> <http://groups.yahoo.com/gads?t=ms&k=Entertainment+arts&w1=Tube+radio&w2=Radio&w3=Solid+
state&w4=Entertainment+arts&c=4&s=68&.sig=p1HLNq7b2YJ7DYdVRYGv4A>
>
>
>
> ---
> YAHOO! GROUPS LINKS
>
> * Visit your group "hamradiohomebrew
> <http://groups.yahoo.com/group/hamradiohomebrew>" on the web.
>
> * To unsubscribe from this group, send an email to:
> hamradiohomebrew-unsubscribe@yahoogroups.com
> <mailto:hamradiohomebrew-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
>
>
> ---
>

# 73. Re: [hamradiohomebrew] K6STI's Coil Program

Yahoo group: hamradiohomebrew
Date: 2005-11-15 03:13:45 UTC
From: Michael McCumber
Topic: 68  Message: 73
Attachments: 2 described; binary payloads are missing from this source WARC

[ Attachment content not displayed ]

# 74. Re: [hamradiohomebrew] K6STI's Coil Program

Yahoo group: hamradiohomebrew
Date: 2005-11-15 03:39:54 UTC
From: Michael McCumber
Topic: 68  Message: 74
Attachments: 2 described; binary payloads are missing from this source WARC

[ Attachment content not displayed ]

# 75. Re: [hamradiohomebrew] K6STI's Coil Program

Yahoo group: hamradiohomebrew
Date: 2005-11-15 12:42:09 UTC
From: bcarling@cfl.rr.com
Topic: 68  Message: 75

IF you know the web URL address for where the K6STI coil calc
program USED TO reside,
you can probably still get it OK.

Try inserting it here:

http://www.waybackmachine.org/

Then click on "TAKE ME BACK."

On 14 Nov 2005 at 19:39, Michael McCumber wrote:

>
> Don,
>
> Not exactly what you wanted to hear but:
>
> "K6STI goes out of software business: Ham radio software developer Brian Beezley, K6STI,
> has gone out of business. Beezley says he's dropping distribution and further software
> development as a result of the piracy of his RITTY radioteletype program." From a 1999
ARRL
> newsletter. It also stated that he doen't have an email address. Maybe you can find
someone
> that can share it with you, since its no longer commercially available anyway.
>
> Mike
>
> On 11/14/05, Donald D Wilson <wilson_newsgroups@...> wrote:
> Hi Michael
>
> Thanks for your help but this COIL program is by KA4KNG not K6STI.
>
> Do you have any other suggestions?
>
> I spend most of the afternoon looking for K6STI's COIL program without any luck. I did
> find several references to it.
>
> Thanks
>
> Don N9ZGE
>
>
> Michael McCumber wrote:
> Don,
>
> Is this it?

>
> http://www.bychoice.com/~ssalkow/software.htm
>
> Try this link, about 1/4 of the way down the page under "ECAD and Electronics and
> Communications Programs". Its coil.exe.
>
> Good luck...
> Mike
> KE7EII
>
> On 11/14/05, Donald D Wilson <wilson_newsgroups@... > wrote:
> Hi
>
> I would appreciate it if someone would direct me to where I can
> download a copy of K6STI's COIL program.
>
> Thanks
>
> Don N9ZGE
>
>
>
>
>
> YAHOO! GROUPS LINKS
>
> * Visit your group "hamradiohomebrew" on the web.
>
> * To unsubscribe from this group, send an email to:
> hamradiohomebrew-unsubscribe@yahoogroups.com
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
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> YAHOO! GROUPS LINKS
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> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
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>

# 76. Re: [hamradiohomebrew] K6STI's Coil Program

Yahoo group: hamradiohomebrew
Date: 2005-11-16 22:12:10 UTC
From: bcarling@cfl.rr.com
Topic: 68  Message: 76

Has anyone found it yet?

On 15 Nov 2005 at 7:42, bcarling@... wrote:

> IF you know the web URL address for where the K6STI coil calc
> program USED TO reside,
> you can probably still get it OK.
>
> Try inserting it here:
>
> http://www.waybackmachine.org/
>
> Then click on "TAKE ME BACK."
>
> On 14 Nov 2005 at 19:39, Michael McCumber wrote:
>
> >
> > Don,
> >
> > Not exactly what you wanted to hear but:
> >
> > "K6STI goes out of software business: Ham radio software developer Brian Beezley,
K6STI,
> > has gone out of business. Beezley says he's dropping distribution and further software
> > development as a result of the piracy of his RITTY radioteletype program." From a 1999
ARRL
> > newsletter. It also stated that he doen't have an email address. Maybe you can find
someone
> > that can share it with you, since its no longer commercially available anyway.
> >
> > Mike
> >
> > On 11/14/05, Donald D Wilson <wilson_newsgroups@...> wrote:
> > Hi Michael
> >
> > Thanks for your help but this COIL program is by KA4KNG not K6STI.
> >
> > Do you have any other suggestions?
> >
> > I spend most of the afternoon looking for K6STI's COIL program without any luck. I did
> > find several references to it.
> >
> > Thanks
> >
> > Don N9ZGE

> >
> >
> > Michael McCumber wrote:
> > Don,
> >
> > Is this it?
> >
> > http://www.bychoice.com/~ssalkow/software.htm
> >
> > Try this link, about 1/4 of the way down the page under "ECAD and Electronics and
> > Communications Programs". Its coil.exe.
> >
> > Good luck...
> > Mike
> > KE7EII
> >
> > On 11/14/05, Donald D Wilson <wilson_newsgroups@... > wrote:
> > Hi
> >
> > I would appreciate it if someone would direct me to where I can
> > download a copy of K6STI's COIL program.
> >
> > Thanks
> >
> > Don N9ZGE
> >
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> >
> > YAHOO! GROUPS LINKS
> >
> > * Visit your group "hamradiohomebrew" on the web.
> >
> > * To unsubscribe from this group, send an email to:
> > hamradiohomebrew-unsubscribe@yahoogroups.com
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> > * Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
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> Yahoo! Groups Links
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# 77. Re: [hamradiohomebrew] K6STI's Coil Program

Yahoo group: hamradiohomebrew
Date: 2005-11-17 01:02:38 UTC
From: Donald D Wilson
Topic: 68  Message: 77

Try http://www2.arrl.org/files/bbs/programs/?N=D Click on coil112.exe

bcarling@... wrote:

> Has anyone found it yet?
>
> On 15 Nov 2005 at 7:42, bcarling@... wrote:
>
> > IF you know the web URL address for where the K6STI coil calc
> > program USED TO reside,
> > you can probably still get it OK.
> >
> > Try inserting it here:
> >
> > http://www.waybackmachine.org/
> >
> > Then click on "TAKE ME BACK."
> >
> > On 14 Nov 2005 at 19:39, Michael McCumber wrote:
> >
> > >
> > > Don,
> > >
> > > Not exactly what you wanted to hear but:
> > >
> > > "K6STI goes out of software business: Ham radio software developer
> Brian Beezley, K6STI,
> > > has gone out of business. Beezley says he's dropping distribution
> and further software
> > > development as a result of the piracy of his RITTY radioteletype
> program." From a 1999 ARRL
> > > newsletter. It also stated that he doen't have an email address.
> Maybe you can find someone
> > > that can share it with you, since its no longer commercially
> available anyway.
> > >
> > > Mike
> > >
> > > On 11/14/05, Donald D Wilson <wilson_newsgroups@...> wrote:
> > > Hi Michael
> > >
> > > Thanks for your help but this COIL program is by KA4KNG not K6STI.
> > >
> > > Do you have any other suggestions?
> > >

> > > I spend most of the afternoon looking for K6STI's COIL program
> without any luck. I did
> > > find several references to it.
> > >
> > > Thanks
> > >
> > > Don N9ZGE
> > >
> > >
> > > Michael McCumber wrote:
> > > Don,
> > >
> > > Is this it?
> > >
> > > http://www.bychoice.com/~ssalkow/software.htm
> <http://www.bychoice.com/%7Essalkow/software.htm>
> > >
> > > Try this link, about 1/4 of the way down the page under "ECAD and
> Electronics and
> > > Communications Programs". Its coil.exe.
> > >
> > > Good luck...
> > > Mike
> > > KE7EII
> > >
> > > On 11/14/05, Donald D Wilson <wilson_newsgroups@... >
> wrote:
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> > > Thanks
> > >
> > > Don N9ZGE
> > >
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> > > YAHOO! GROUPS LINKS
> > >
> > > * Visit your group "hamradiohomebrew" on the web.
> > >
> > > * To unsubscribe from this group, send an email to:
> > > hamradiohomebrew-unsubscribe@yahoogroups.com
> > >
> > > * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service.
> > >

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> > > YAHOO! GROUPS LINKS
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> > Yahoo! Groups Links
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> SPONSORED LINKS
> Tube radio
> <http://groups.yahoo.com/gads?t=ms&k=Tube+radio&w1=Tube+radio&w2=Radio&w3=Solid+state&w4
=Entertainment+arts&c=4&s=68&.sig=1ms4MMS9YuSeN34LyMroXA>
> Radio
> <http://groups.yahoo.com/gads?t=ms&k=Radio&w1=Tube+radio&w2=Radio&w3=Solid+state&w4=Ente
rtainment+arts&c=4&s=68&.sig=3MJ_xj3o2UnJ8UX50VXEHg>
> Solid state
> <http://groups.yahoo.com/gads?t=ms&k=Solid+state&w1=Tube+radio&w2=Radio&w3=Solid+state&w
4=Entertainment+arts&c=4&s=68&.sig=qCtE0qRlrmOQmv6stZ5VgQ>
>
> Entertainment arts
> <http://groups.yahoo.com/gads?t=ms&k=Entertainment+arts&w1=Tube+radio&w2=Radio&w3=Solid+
state&w4=Entertainment+arts&c=4&s=68&.sig=p1HLNq7b2YJ7DYdVRYGv4A>
>
>
>
> ------------------------------------------------------------------------
> YAHOO! GROUPS LINKS
>
> * Visit your group "hamradiohomebrew
> <http://groups.yahoo.com/group/hamradiohomebrew>" on the web.
>
> * To unsubscribe from this group, send an email to:
> hamradiohomebrew-unsubscribe@yahoogroups.com
> <mailto:hamradiohomebrew-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
>
>
> ------------------------------------------------------------------------
>

# 78. FS: Surplus Electromech Parts and Radio Miscellania...

Yahoo group: hamradiohomebrew
Date: 2005-11-17 02:35:09 UTC
From: bcarling@cfl.rr.com
Topic: 78  Message: 78

FOR SALE:

Box of NINE (9) Selenium Rectifiers - various
types.
Some new, some used. One is new and still in the
Radio Shack box!
Will sell for $3.00 total, plus shipping.

E.F. Johnson Co. flexible coupling - NEW IN BOX.
Made for joining two 1/4" shafts. Part number 104-
0250-001.
Dimensions 1.25" square X 1-3/16" deep.
Shiny new condition, in the box.
QTY 1 available for $6.00 plus shipping.

BOX of 80 FT241 Crystals, NEW
Available for $20.00 plus shipping.

Solenoid Valve - 24V DC, actuator movement of
about 7/16" throw.
Metal encased. Dimensions are 3-1/8" long by 1-
1/8" diameter.
Like new condition. Will actuate on anything from
12V DC to 28V DC.
Very powerful electromagnet.
QTY 1 available for $4.00 plus shipping.

U.S. Navy Surplus Accessories Case
CV-1973/UPM-70 for radio and test equipment
accessories. Battelship Gray.
Available for $16.00 plus shipping.

Reduction Drive / Knob Assembly - bakelite, 1930s.
Classic look for homebrew equipment. This includes
a knob and would be used
for a small receiver or VFO. Has 2:1 reduction
drive.
Dial scale is numbered 0-100 through 180 degree of
dial sweep.
Black bakelite with 2" knob and 4" diameter skirt.
Available for $10.00 plus shipping.

Pictures and details at:
http://www.af4k.com/miscpart.htm

# 79. FS: RF Parts and Homebrew Goodies

Yahoo group: hamradiohomebrew
Date: 2005-11-18 03:31:41 UTC
From: bcarling@cfl.rr.com
Topic: 79  Message: 79

FOR SALE:

STUDIO TYPE 4" VU METER by WESTON - Excellent
Condition.
Unit is lighted by two lamps inside it.
Available for $25.00 plus shipping.

VU Meter - Micronta 22-053 - Made in Japan.
Has overall dimensions of 2=7/8" X 2-1/4".
QTY 1 Available for $6.00 plus shipping.

E.F. Johnson 4-PIN CERAMIC TUBE SOCKET
Made for tubes with a 1-1/8" or 1-1/4" diameter
base.
Pin diameters approximately 3/16" - has screwtype
terminals.
Overall dimensions: 3-1/2" X 2-5/8"
QTY 1 Available for $10.00 plus shipping.

Vintage Knob With Reduction Drive. CROWE - Made in
USA. 3" diameter knob with 4" diameter skirt.
Has 0-100 scale over a 180 degree arc. Also has
small 0-5-10 Marker Scale for attachment to nearby
panel for accurate tuning. 5:1 reduction ratio.
QTY 1 Available for $16.00 plus shipping.

VERNIER KNOB - Military Surplus type - with 0-100
scale.
Includes ceramic coupler & reduction 4:1 ratio.
Knob is 2" diameter and dial skirt is 2-1/2"
diameter.
QTY 1 available for $10.00 plus shipping.

Reduction Drive / Knob Assembly - bakelite, 1930s.
Classic look for homebrew equipment. This includes
knob & has 2:1 reduction drive.
Dial scale is numbered 0-100 through 180 degree of
arc.
Black bakelite with 2" knob and 4" diameter skirt.
Available for $10.00 plus shipping.

Power ON-OFF Swith / Circuit Breaker
Rated 7.5 amps at up to 250V AC. DPDT
configuration.
Uses a 1-3/8" X 1-3/8" hole with simple press-fit
mount.
For panels up to 12 gauge thickness.

QTY 1 Available for $3.00 plus shipping

REDUCED: Rechargeable batteries. These are sealed lead-acid batteries
and do not require any kind of fancy charging system. Great for field day
or operating ham gear etc. These are lightly used but have plenty of life
left in them. Shipping additional.
QTY 1 - Ohmeda - 12V at 2.3 AH - $5.00
QTY 2 - UNIPOWER 6 V at 2.8 AH - $4.00 each
QTY 1 - UNIPOWER 12 V at 7.5 AH - $8.00
QTY 4 - Werker - 12 V at 5 AH - $6.00 each

Military Surplus U.S. Navy Case, CV-1973/UPM-70 Accessories Case.
Used for storing radio accessories and/or test equipment onboard ship.
Battleship gray. Approximate dimensions: 17.5" X 14.5" X 5.5"
In very good condition with latch. No dents or rust.
Reduced to $16.00 plus shipping.

Pictures and details at:
http://www.af4k.com/miscpart.htm

73 & thanks for reading...
Brian, AF4K

# 80. FS: Large Air Variable Caps etc.

Yahoo group: hamradiohomebrew
Date: 2005-11-18 10:04:03 UTC
From: bcarling@cfl.rr.com
Topic: 80  Message: 80

FOR SALE:

100 pF at 3000V transmitting variable capacitor.
Excellent for linear amplifier or tuner project.
Dimensions 5" X 5" X 4" and has standard 1/4"
shaft 1.375" long.
Available for $25.00 plus shipping.

E.F. Johnson 100pF + 100 pF at 2500V transmitting
variable capacitor.
Split stator type. Comes with nice traditional
knob like Collins.
Dimensions 6.5" X 3" X 3" with standard 1/4"
shaft.
Available for $25.00 plus shipping.

Unusual Dual Variable Capacitor with padders.
This is a 2 X dual section cap with nice ceramic
standoffs.
Seems to be about 25 pF X 4 sections. Will require
coupling to the shaft for control.
Available for $2.00 plus shipping.

Dual Section 70 pF 2 KV Transmitting Capacitor -
Wide Spaced.

35pF + 35 pF Split stator variable cap.
Dimensions: 6.5" X 3" X 2.5"
Excellent condition.
Available for $12.00 plus shipping.

Pictures and details:
http://www.af4k.com/variable_caps.htm

# 81. Re: [hamradiohomebrew] FS: Large Air Variable Caps etc.

Yahoo group: hamradiohomebrew
Date: 2005-11-18 11:00:06 UTC
From: don
Topic: 80  Message: 81

This is really starting to look like spam
lighten up a bit on the sales please.
don ke7ffm
----- Original Message -----
From: <bcarling@...>
To: <HamStuff@yahoogroups.com>; <hamradiohomebrew@yahoogroups.com>;
<johnson@...>; <MOPAGROUP@yahoogroups.com>
Sent: Friday, November 18, 2005 3:04 AM
Subject: [hamradiohomebrew] FS: Large Air Variable Caps etc.

> FOR SALE:
>
> 100 pF at 3000V transmitting variable capacitor.
> Excellent for linear amplifier or tuner project.
> Dimensions 5" X 5" X 4" and has standard 1/4"
> shaft 1.375" long.
> Available for $25.00 plus shipping.
>
> E.F. Johnson 100pF + 100 pF at 2500V transmitting
> variable capacitor.
> Split stator type. Comes with nice traditional
> knob like Collins.
> Dimensions 6.5" X 3" X 3" with standard 1/4"
> shaft.
> Available for $25.00 plus shipping.
>
> Unusual Dual Variable Capacitor with padders.
> This is a 2 X dual section cap with nice ceramic
> standoffs.
> Seems to be about 25 pF X 4 sections. Will require
> coupling to the shaft for control.
> Available for $2.00 plus shipping.
>
> Dual Section 70 pF 2 KV Transmitting Capacitor -
> Wide Spaced.
>
> 35pF + 35 pF Split stator variable cap.
> Dimensions: 6.5" X 3" X 2.5"
> Excellent condition.
> Available for $12.00 plus shipping.
>
> Pictures and details:
> http://www.af4k.com/variable_caps.htm
>
>

> SPONSORED LINKS Tube radio Radio Solid state
> Entertainment arts
>
>
> ---
> YAHOO! GROUPS LINKS
>
> a.. Visit your group "hamradiohomebrew" on the web.
>
> b.. To unsubscribe from this group, send an email to:
> hamradiohomebrew-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>
> ---
>
>

# 82. Re: [hamradiohomebrew] FS: Large Air Variable Caps etc.

Yahoo group: hamradiohomebrew
Date: 2005-11-19 02:18:31 UTC
From: bcarling@cfl.rr.com
Topic: 80  Message: 82

Are you the moderator?

On 18 Nov 2005 at 4:00, don wrote:

> This is really starting to look like spam
> lighten up a bit on the sales please.
> don ke7ffm

> ----- Original Message -----
> From: <bcarling@...>
> To: <HamStuff@yahoogroups.com>; <hamradiohomebrew@yahoogroups.com>;
> <johnson@...>; <MOPAGROUP@yahoogroups.com>
> Sent: Friday, November 18, 2005 3:04 AM
> Subject: [hamradiohomebrew] FS: Large Air Variable Caps etc.
>
>
> > FOR SALE:
> >
> > 100 pF at 3000V transmitting variable capacitor.
> > Excellent for linear amplifier or tuner project.
> > Dimensions 5" X 5" X 4" and has standard 1/4"
> > shaft 1.375" long.
> > Available for $25.00 plus shipping.
> >
> > E.F. Johnson 100pF + 100 pF at 2500V transmitting
> > variable capacitor.
> > Split stator type. Comes with nice traditional
> > knob like Collins.
> > Dimensions 6.5" X 3" X 3" with standard 1/4"
> > shaft.
> > Available for $25.00 plus shipping.
> >
> > Unusual Dual Variable Capacitor with padders.
> > This is a 2 X dual section cap with nice ceramic
> > standoffs.
> > Seems to be about 25 pF X 4 sections. Will require
> > coupling to the shaft for control.
> > Available for $2.00 plus shipping.
> >
> > Dual Section 70 pF 2 KV Transmitting Capacitor -
> > Wide Spaced.
> >
> > 35pF + 35 pF Split stator variable cap.
> > Dimensions: 6.5" X 3" X 2.5"
> > Excellent condition.
> > Available for $12.00 plus shipping.

> >
> > Pictures and details:
> > http://www.af4k.com/variable_caps.htm
> >
> >
> > SPONSORED LINKS Tube radio Radio Solid state
> > Entertainment arts
> >
> >
> > ---
> > YAHOO! GROUPS LINKS
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> > a.. Visit your group "hamradiohomebrew" on the web.
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> > b.. To unsubscribe from this group, send an email to:
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> Yahoo! Groups Links
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## 83. Homebrew Tube transmitter

Yahoo group: hamradiohomebrew
Date: 2005-11-19 02:22:08 UTC
From: bcarling@cfl.rr.com
Topic: 83  Message: 83

For anyone interested in building a pretty neat little tube transmitter, here are the plans.... (See below)
I have quite a few others available if you want to build a simple tube type transmitter.

These can be a WHILE lot of fun to build and operate.

http://www.af4k.com/2e26.htm

73 de Brian "Corned Beef," AF4K...

# 84. Re: [hamradiohomebrew] FS: Large Air Variable Caps etc.

Yahoo group: hamradiohomebrew
Date: 2005-11-19 02:25:25 UTC
From: Roy J. Tellason
Topic: 80  Message: 84

On Friday 18 November 2005 09:18 pm, bcarling@... wrote:
> Are you the moderator?
>
> On 18 Nov 2005 at 4:00, don wrote:
> > This is really starting to look like spam
> > lighten up a bit on the sales please.
> > don ke7ffm

It's a reasonable request, whether the person is the moderator or not. I have a whole bunch of your posts in this same vein sitting here in the "Build It Radio" list, and in fact the whole of what I keep on hand here (about a week's worth) is all posts from you selling stuff.

I don't necessarily have a problem with that, per se, but I also don't think that I need more than one copy of those posts.

So, from another user of _this_ list, not a moderator, how about you give it a break?

> > ----- Original Message -----
> > From: <bcarling@...>
> > To: <HamStuff@yahoogroups.com>; <hamradiohomebrew@yahoogroups.com>;
> > <johnson@...>; <MOPAGROUP@yahoogroups.com>
> > Sent: Friday, November 18, 2005 3:04 AM
> > Subject: [hamradiohomebrew] FS: Large Air Variable Caps etc.
> >
> > > FOR SALE:
> > >
> > > 100 pF at 3000V transmitting variable capacitor.
> > > Excellent for linear amplifier or tuner project.
> > > Dimensions 5" X 5" X 4" and has standard 1/4"
> > > shaft 1.375" long.
> > > Available for $25.00 plus shipping.
> > >
> > > E.F. Johnson 100pF + 100 pF at 2500V transmitting
> > > variable capacitor.
> > > Split stator type. Comes with nice traditional
> > > knob like Collins.
> > > Dimensions 6.5" X 3" X 3" with standard 1/4"
> > > shaft.
> > > Available for $25.00 plus shipping.
> > >
> > > Unusual Dual Variable Capacitor with padders.
> > > This is a 2 X dual section cap with nice ceramic
> > > standoffs.
> > > Seems to be about 25 pF X 4 sections. Will require

> > > coupling to the shaft for control.
> > > Available for $2.00 plus shipping.
> > >
> > > Dual Section 70 pF 2 KV Transmitting Capacitor -
> > > Wide Spaced.
> > >
> > > 35pF + 35 pF Split stator variable cap.
> > > Dimensions: 6.5" X 3" X 2.5"
> > > Excellent condition.
> > > Available for $12.00 plus shipping.
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> > > Pictures and details:
> > > http://www.af4k.com/variable_caps.htm
> > >
> > >
> > > SPONSORED LINKS Tube radio Radio Solid state
> > > Entertainment arts
> > >
> > >
> > > ---------------------------------------------------------------------
> > >--------- YAHOO! GROUPS LINKS
> > >
> > > a.. Visit your group "hamradiohomebrew" on the web.
> > >
> > > b.. To unsubscribe from this group, send an email to:
> > > hamradiohomebrew-unsubscribe@yahoogroups.com
> > >
> > > c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> > > Service.
> > >
> > >
> > > ---------------------------------------------------------------------
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> > Yahoo! Groups Links
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> Yahoo! Groups Links
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--
Member of the toughest, meanest, deadliest, most unrelenting -- and
ablest -- form of life in this section of space, a critter that can
be killed but can't be tamed. --Robert A. Heinlein, "The Puppet Masters"

# 85. Re: [hamradiohomebrew] FS: Large Air Variable Caps etc.

Yahoo group: hamradiohomebrew
Date: 2005-11-19 03:25:34 UTC
From: Dave J
Topic: 80  Message: 85

I'll second Roy's comments.
Please

Dave N0GMP
==========
----- Original Message -----
From: Roy J. Tellason
To: hamradiohomebrew@yahoogroups.com
Sent: Friday, November 18, 2005 7:25 PM
Subject: Re: [hamradiohomebrew] FS: Large Air Variable Caps etc.

On Friday 18 November 2005 09:18 pm, bcarling@... wrote:
> Are you the moderator?
>
> On 18 Nov 2005 at 4:00, don wrote:
> > This is really starting to look like spam
> > lighten up a bit on the sales please.
> > don ke7ffm

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> > ----- Original Message -----
> > From: <bcarling@...>
> > To: <HamStuff@yahoogroups.com>; <hamradiohomebrew@yahoogroups.com>;
> > <johnson@...>; <MOPAGROUP@yahoogroups.com>
> > Sent: Friday, November 18, 2005 3:04 AM
> > Subject: [hamradiohomebrew] FS: Large Air Variable Caps etc.
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> > > Available for $25.00 plus shipping.
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> > > E.F. Johnson 100pF + 100 pF at 2500V transmitting

> > > variable capacitor.
> > > Split stator type. Comes with nice traditional
> > > knob like Collins.
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> > > http://www.af4k.com/variable_caps.htm
> > >
> > >
> > > SPONSORED LINKS Tube radio Radio Solid state
> > > Entertainment arts
> > >
> > >
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> > >--------- YAHOO! GROUPS LINKS
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> > >
> > > b.. To unsubscribe from this group, send an email to:
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> > Yahoo! Groups Links
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> Yahoo! Groups Links

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SPONSORED LINKS Tube radio Radio Solid state
Entertainment arts

---

YAHOO! GROUPS LINKS

a.. Visit your group "hamradiohomebrew" on the web.

b.. To unsubscribe from this group, send an email to:
hamradiohomebrew-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

---

# 86. Re: [hamradiohomebrew] FS: Large Air Variable Caps etc.

Yahoo group: hamradiohomebrew
Date: 2005-11-19 03:39:21 UTC
From: don
Topic: 80  Message: 86

No , of course not, but not only are spamming, instead of being polite, you sound like you rather get an attitude. So not only will I not buy anything from you, I will not waste my time on another spam list. Maybe others here like it, I for one do not. An occasional sales posting of a personal nature I think would be welcome, and I believe that is what the moderator did allow, but these constant, daily, ads you place here are annoying to me, and strike me as opportunistic, disrespectful, and well beyond the intent of the moderator. If I am wrong about that, then so much the worse. I thought I joined a home-brew list, not the swap pages. Enjoy it with out me

Don

----- Original Message -----
From: <bcarling@...>
To: <hamradiohomebrew@yahoogroups.com>
Sent: Friday, November 18, 2005 7:18 PM
Subject: Re: [hamradiohomebrew] FS: Large Air Variable Caps etc.

> Are you the moderator?
>
> On 18 Nov 2005 at 4:00, don wrote:
>
>> This is really starting to look like spam
>> lighten up a bit on the sales please.
>> don ke7ffm
>
>> ----- Original Message -----
>> From: <bcarling@...>
>> To: <HamStuff@yahoogroups.com>; <hamradiohomebrew@yahoogroups.com>;
>> <johnson@...>; <MOPAGROUP@yahoogroups.com>
>> Sent: Friday, November 18, 2005 3:04 AM
>> Subject: [hamradiohomebrew] FS: Large Air Variable Caps etc.
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>>
>> > FOR SALE:
>> >
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>> > Dimensions 5" X 5" X 4" and has standard 1/4"
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>> > Available for $25.00 plus shipping.
>> >
>> > E.F. Johnson 100pF + 100 pF at 2500V transmitting
>> > variable capacitor.
>> > Split stator type. Comes with nice traditional

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>> > Dimensions 6.5" X 3" X 3" with standard 1/4"
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>> > Available for $25.00 plus shipping.
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>> > Unusual Dual Variable Capacitor with padders.
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>> > Dual Section 70 pF 2 KV Transmitting Capacitor -
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>> > Dimensions: 6.5" X 3" X 2.5"
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>> > Pictures and details:
>> > http://www.af4k.com/variable_caps.htm
>> >
>> >
>> > SPONSORED LINKS Tube radio Radio Solid state
>> > Entertainment arts
>> >
>> >

# 87. Re: [hamradiohomebrew] FS: Large Air Variable Caps etc.

Yahoo group: hamradiohomebrew
Date: 2005-11-19 05:26:17 UTC
From: David L. Foreman
Topic: 80  Message: 87

With the title of this group, HamRadio HomeBrew, you would think that Home Brewers would be glad for a source
of parts to build whatever project they were working on. I have purchase from Brian in the past and will be glad to do
so in the future.
Dave Foreman

----- Original Message -----
From: "don" <drfrasher@...>
To: <hamradiohomebrew@yahoogroups.com>
Sent: Friday, November 18, 2005 20:39
Subject: Re: [hamradiohomebrew] FS: Large Air Variable Caps etc.

> No , of course not, but not only are spamming, instead of being polite,
> you sound like you rather get an attitude. So not only will I not buy
> anything from you, I will not waste my time on another spam list.
> Maybe others here like it, I for one do not. An occasional sales
> posting of a personal nature I think would be welcome, and I believe that is
> what the moderator did allow, but these constant, daily, ads you place here
> are annoying to me, and strike me as opportunistic, disrespectful, and well
> beyond the intent of the moderator. If I am wrong about that, then so much
> the worse. I thought I joined a home-brew list, not the swap pages.
> Enjoy it with out me
>
> Don
>
>
>
>
> ----- Original Message -----
> From: <bcarling@...>
> To: <hamradiohomebrew@yahoogroups.com>
> Sent: Friday, November 18, 2005 7:18 PM
> Subject: Re: [hamradiohomebrew] FS: Large Air Variable Caps etc.
>
>
>> Are you the moderator?
>>
>> On 18 Nov 2005 at 4:00, don wrote:
>>
>>> This is really starting to look like spam
>>> lighten up a bit on the sales please.
>>> don ke7ffm
>>
>>> ----- Original Message -----

>>> From: <bcarling@...>
>>> To: <HamStuff@yahoogroups.com>; <hamradiohomebrew@yahoogroups.com>;
>>> <johnson@...>; <MOPAGROUP@yahoogroups.com>
>>> Sent: Friday, November 18, 2005 3:04 AM
>>> Subject: [hamradiohomebrew] FS: Large Air Variable Caps etc.
>>>
>>>
>>> > FOR SALE:
>>> >
>>> > 100 pF at 3000V transmitting variable capacitor.
>>> > Excellent for linear amplifier or tuner project.
>>> > Dimensions 5" X 5" X 4" and has standard 1/4"
>>> > shaft 1.375" long.
>>> > Available for $25.00 plus shipping.
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>>> > Split stator type. Comes with nice traditional
>>> > knob like Collins.
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>>> > Dimensions: 6.5" X 3" X 2.5"
>>> > Excellent condition.
>>> > Available for $12.00 plus shipping.
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>>> > Pictures and details:
>>> > http://www.af4k.com/variable_caps.htm
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>>> >
>>> > SPONSORED LINKS Tube radio Radio Solid state
>>> > Entertainment arts
>>> >
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> Yahoo! Groups Links
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> --
> No virus found in this incoming message.
> Checked by AVG Anti-Virus.
> Version: 7.1.362 / Virus Database: 267.13.4/175 - Release Date: 11/18/2005
>
>

# 88. Re: [hamradiohomebrew] FS: Large Air Variable Caps etc.

Yahoo group: hamradiohomebrew
Date: 2005-11-19 12:27:33 UTC
From: bcarling@cfl.rr.com
Topic: 80  Message: 88

Don, that's laughable to suggest that I have an attitude.

You sent an off topic message to the list (that should have
gone in a private e-mail to me) and thus you started a fire
storm. THEN you want to say it is me that has the attitude.
As I said, laughable. Shades of QRP-L around 5 years ago.
Thankfully there are many other groups that don't have
this one's approach.

Well, I will simple unsubscribe friom this hostile,
ungrateful hornets nest and let you all continue with
whatever you were not talking about.

There are guys on other lists that actually build things with
the parts they get from me. Many of them are traded or
given away. Ohnut that is "spam...."

For those newbies who don't know how to filter their e-mails:
Enjoy your "net cop" grumble session guys... I am out of here.

Sincerely,

Brian Carling, AF4K

On 18 Nov 2005 at 20:39, don wrote:

> No , of course not, but not only are spamming, instead of being polite,
> you sound like you rather get an attitude. So not only will I not buy
> anything from you, I will not waste my time on another spam list.
> Maybe others here like it, I for one do not. An occasional sales
> posting of a personal nature I think would be welcome, and I believe that is
> what the moderator did allow, but these constant, daily, ads you place here
> are annoying to me, and strike me as opportunistic, disrespectful, and well
> beyond the intent of the moderator. If I am wrong about that, then so much
> the worse. I thought I joined a home-brew list, not the swap pages.
> Enjoy it with out me
>
> Don
>
>
>
>
> ----- Original Message -----
> From: <bcarling@...>
> To: <hamradiohomebrew@yahoogroups.com>
> Sent: Friday, November 18, 2005 7:18 PM
> Subject: Re: [hamradiohomebrew] FS: Large Air Variable Caps etc.

>
>
> > Are you the moderator?
> >
> > On 18 Nov 2005 at 4:00, don wrote:
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> >> This is really starting to look like spam
> >> lighten up a bit on the sales please.
> >> don ke7ffm
> >
> >> ----- Original Message -----
> >> From: <bcarling@...>
> >> To: <HamStuff@yahoogroups.com>; <hamradiohomebrew@yahoogroups.com>;
> >> <johnson@...>; <MOPAGROUP@yahoogroups.com>
> >> Sent: Friday, November 18, 2005 3:04 AM
> >> Subject: [hamradiohomebrew] FS: Large Air Variable Caps etc.
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> Yahoo! Groups Links
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# 90. Re: [hamradiohomebrew] FS: Large Air Variable Caps etc.

Yahoo group: hamradiohomebrew
Date: 2005-11-19 14:08:29 UTC
From: gm7ued
Topic: 80  Message: 90

Brian,

Would be a shame to leave because of the thoughts of one individual.

If he's unhappy about the things you post on here, then let him be the one
to do the leaving.

I for one have no objection at all if someone offers items for sale, if I'm
interested I'll read it, if not then I just delete it, sure as hell doen't
offend me. If anyone is offended then they should join another group.

Just my 2p worth.

Dave
GM7UED

----- Original Message -----
From: <bcarling@...>
To: <hamradiohomebrew@yahoogroups.com>
Sent: Saturday, November 19, 2005 12:27 PM
Subject: Re: [hamradiohomebrew] FS: Large Air Variable Caps etc.

> Don, that's laughable to suggest that I have an attitude.
>
> You sent an off topic message to the list (that should have
> gone in a private e-mail to me) and thus you started a fire
> storm. THEN you want to say it is me that has the attitude.
> As I said, laughable. Shades of QRP-L around 5 years ago.
> Thankfully there are many other groups that don't have
> this one's approach.
>
> Well, I will simple unsubscribe friom this hostile,
> ungrateful hornets nest and let you all continue with
> whatever you were not talking about.
>
> There are guys on other lists that actually build things with
> the parts they get from me. Many of them are traded or
> given away. Ohnut that is "spam...."
>
> For those newbies who don't know how to filter their e-mails:
> Enjoy your "net cop" grumble session guys... I am out of here.
>
> Sincerely,
>
> Brian Carling, AF4K
>
> On 18 Nov 2005 at 20:39, don wrote:

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> > No , of course not, but not only are spamming, instead of being
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> >
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> > From: <bcarling@...>
> > To: <hamradiohomebrew@yahoogroups.com>
> > Sent: Friday, November 18, 2005 7:18 PM
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> > > Are you the moderator?
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> > >> This is really starting to look like spam
> > >> lighten up a bit on the sales please.
> > >> don ke7ffm
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> > >> ----- Original Message -----
> > >> From: <bcarling@...>
> > >> To: <HamStuff@yahoogroups.com>; <hamradiohomebrew@yahoogroups.com>;
> > >> <johnson@...>; <MOPAGROUP@yahoogroups.com>
> > >> Sent: Friday, November 18, 2005 3:04 AM
> > >> Subject: [hamradiohomebrew] FS: Large Air Variable Caps etc.
> > >>
> > >>
> > >> > FOR SALE:
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> > >> > E.F. Johnson 100pF + 100 pF at 2500V transmitting
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> --
> Internal Virus Database is out-of-date.
> Checked by AVG Free Edition.
> Version: 7.1.362 / Virus Database: 267.13.0/167 - Release Date: 11/11/2005
>

# 91. Re: [hamradiohomebrew] FS: Large Air Variable Caps etc.

Yahoo group: hamradiohomebrew
Date: 2005-11-19 20:09:26 UTC
From: bcarling@cfl.rr.com
Topic: 80  Message: 91

Hoots mon, a mighty big thank you!

On 19 Nov 2005 at 14:08, gm7ued wrote:

> Brian,
>
> Would be a shame to leave because of the thoughts of one individual.
>
> If he's unhappy about the things you post on here, then let him be the one
> to do the leaving.
>
> I for one have no objection at all if someone offers items for sale, if I'm
> interested I'll read it, if not then I just delete it, sure as hell doen't
> offend me. If anyone is offended then they should join another group.
>
> Just my 2p worth.
>
> Dave
> GM7UED
>
>
> ----- Original Message -----
> From: <bcarling@...>
> To: <hamradiohomebrew@yahoogroups.com>
> Sent: Saturday, November 19, 2005 12:27 PM
> Subject: Re: [hamradiohomebrew] FS: Large Air Variable Caps etc.
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> > There are guys on other lists that actually build things with
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> > For those newbies who don't know how to filter their e-mails:
> > Enjoy your "net cop" grumble session guys... I am out of here.
> >
> > Sincerely,
> >
> > Brian Carling, AF4K
> >
> > On 18 Nov 2005 at 20:39, don wrote:
> >
> > > No , of course not, but not only are spamming, instead of being
> polite,
> > > you sound like you rather get an attitude. So not only will I not buy
> > > anything from you, I will not waste my time on another spam list.
> > > Maybe others here like it, I for one do not. An occasional sales
> > > posting of a personal nature I think would be welcome, and I believe
> that is
> > > what the moderator did allow, but these constant, daily, ads you place
> here
> > > are annoying to me, and strike me as opportunistic, disrespectful, and
> well
> > > beyond the intent of the moderator. If I am wrong about that, then so
> much
> > > the worse. I thought I joined a home-brew list, not the swap pages.
> > > Enjoy it with out me
> > >
> > > Don
> > >
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> > >
> > >
> > > ----- Original Message -----
> > > From: <bcarling@...>
> > > To: <hamradiohomebrew@yahoogroups.com>
> > > Sent: Friday, November 18, 2005 7:18 PM
> > > Subject: Re: [hamradiohomebrew] FS: Large Air Variable Caps etc.
> > >
> > >
> > > > Are you the moderator?
> > > >
> > > > On 18 Nov 2005 at 4:00, don wrote:
> > > >
> > > >> This is really starting to look like spam
> > > >> lighten up a bit on the sales please.
> > > >> don ke7ffm
> > > >
> > > >> ----- Original Message -----
> > > >> From: <bcarling@...>
> > > >> To: <HamStuff@yahoogroups.com>; <hamradiohomebrew@yahoogroups.com>;
> > > >> <johnson@...>; <MOPAGROUP@yahoogroups.com>
> > > >> Sent: Friday, November 18, 2005 3:04 AM

> > > >> Subject: [hamradiohomebrew] FS: Large Air Variable Caps etc.
> > > >>
> > > >>
> > > >> > FOR SALE:
> > > >> >
> > > >> > 100 pF at 3000V transmitting variable capacitor.
> > > >> > Excellent for linear amplifier or tuner project.
> > > >> > Dimensions 5" X 5" X 4" and has standard 1/4"
> > > >> > shaft 1.375" long.
> > > >> > Available for $25.00 plus shipping.
> > > >> >
> > > >> > E.F. Johnson 100pF + 100 pF at 2500V transmitting
> > > >> > variable capacitor.
> > > >> > Split stator type. Comes with nice traditional
> > > >> > knob like Collins.
> > > >> > Dimensions 6.5" X 3" X 3" with standard 1/4"
> > > >> > shaft.
> > > >> > Available for $25.00 plus shipping.
> > > >> >
> > > >> > Unusual Dual Variable Capacitor with padders.
> > > >> > This is a 2 X dual section cap with nice ceramic
> > > >> > standoffs.
> > > >> > Seems to be about 25 pF X 4 sections. Will require
> > > >> > coupling to the shaft for control.
> > > >> > Available for $2.00 plus shipping.
> > > >> >
> > > >> > Dual Section 70 pF 2 KV Transmitting Capacitor -
> > > >> > Wide Spaced.
> > > >> >
> > > >> > 35pF + 35 pF Split stator variable cap.
> > > >> > Dimensions: 6.5" X 3" X 2.5"
> > > >> > Excellent condition.
> > > >> > Available for $12.00 plus shipping.
> > > >> >
> > > >> > Pictures and details:
> > > >> > http://www.af4k.com/variable_caps.htm
> > > >> >
> > > >> >
> > > >> > SPONSORED LINKS Tube radio Radio Solid state
> > > >> > Entertainment arts
> > > >> >
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> > Yahoo! Groups Links
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> > --
> > Internal Virus Database is out-of-date.
> > Checked by AVG Free Edition.
> > Version: 7.1.362 / Virus Database: 267.13.0/167 - Release Date: 11/11/2005
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# 92. Bits n Bobs

Yahoo group: hamradiohomebrew
Date: 2005-11-19 22:08:56 UTC
From: vk2hsv
Topic: 92  Message: 92
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Brian,

Same goes for me, my ole China Plate (In Aussie Meaning Mate).

As you stated the other day. The title of the group is Ham Radio Home Brew, which by definition means experimenting and as such you require bits n bobs, and if someone has some of the bits n bobs you require well me ole china plate you need to buy them and why not from a fellow ham as well as a fellow group member. Don may well be well stocked in the bits n bobs area but some of us may be after just what you have so KEEP POSTING THEM Me ole china Plate.

Cheers n 73's

Mal - VK2HSV

# 93. Semiconductor "Cross Reference" data books FS

Yahoo group: hamradiohomebrew
Date: 2005-11-20 00:36:13 UTC
From: Ken Simpson, W8EK
Topic: 93  Message: 93

For Sale:

Electronic "Cross Reference" Data Books

These books are detailed reference books listing 1000's
and 1000's of different transistors, diodes, ICs and other
solid state devices, and crossing them to NTE or EGC
devices. They also include base diagrams and other
pertinent information. Obviously, different years have
different devices. All are in extremely good physical
condition, and are 8 1/2 x 11 inch paperbacks.

Sylvania ECG - 1976 - 241 pages - $ 8

Sylvania ECG - 1979 - 352 pages - $10

EGC Industrial MRO - 1980 - 207 pages - $8

ECG Master Replacement Guide - 1987 -
700 pages - $12

NTE Technical Guide and Cross Reference
1988 - 604 pages - $10

NTE Semiconductors - 6th edition - 1992
675 pages - $10

Archer Semiconductor Reference Guide
1988 - 290 pages - $7

RCA SK Series - Spring 1972 - 96 pages - $10

RCA SK series - 1981 - 409 pages - $10

Semiconductors by GE - 1974 - 74 pages - $ 6

Prices do not include shipping from Florida.
Media Mail shipping is quite inexpensive.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

# 94. NTE 7164

Yahoo group: hamradiohomebrew
Date: 2005-11-20 04:13:02 UTC
From: John
Topic: 94  Message: 94

I got my hands on some NTE 7164's and looking them up in the NTE cross
reference they say that they can be used for the 602 and 612 chips.
Has anyone used them in a radio?
73
john

# 95. FS: Dual 4-400A LINEAR AMP 2KW

Yahoo group: hamradiohomebrew
Date: 2005-11-20 21:08:22 UTC
From: Brian Carling
Topic: 95  Message: 95

FOR SALE:
Beautiful Homebrew 4-400A Pair Linear Amplifier -
excellent shape.
Here is a self-contained desktop 2000 watt linear amplifier for
80-10m.
Uses the tried and true combination of TWO 4-400A EIMAC
tubes.
Comes with complete documentation and the original article
from which it was built.
Has VACUUM VARIABLE plate capacitor. Full metering of
BOTH TUBES grid current
(switchable.) Also has meters for 3000V Plate Supply Voltage,
plate current,
and RF output. Needs AC fuse holder replaced and one
resistor is broken.
Everything else checks good and the power supply is tested
OK.
Cabinent is thoroughly shielded inside and out. Hinged lid for
easy access.
Comes with a schematic, notes, and the complete, detailed
construction article.
Wired for 120V AC operation and comes with locking power
cord.
Spare (NEW) Eimac 4-400A available with amplifier purchase
for $50.00
New tube alone for $75.00 plus shipping.
Available for $350.00 plus shipping (Heavy)

See:
http://www.af4k.com/radios.htm
Additional photos on request.

# 96. Re: [hamradiohomebrew] FS: Dual 4-400A LINEAR AMP 2KW

Yahoo group: hamradiohomebrew
Date: 2005-11-21 07:59:13 UTC
From: vk2hsv
Topic: 95  Message: 96

Yo Brian, I d love to get it off you but it would kill me to ship it to the land of OZ. Cheers n 73 s Mal - VK2HSV ... From: Brian Carling To:

# 97. Re: FS: Large Air Variable Caps etc.

Yahoo group: hamradiohomebrew
Date: 2005-11-21 14:54:23 UTC
From: wa6mhz_1
Topic: 80  Message: 97

As the owner/moderator of the group, I see nothing wrong with items of interest to homebrewers being listed. In fact, this is possibly the only way we can obtain parts without having to be subjected to the high price of Ebay where I have had to pay over $20 for one LOUSY KNOB!!! It's insane!!! We have swapmeets here in Southern California almost every weekend, but it cost me $40 in gas to go up to LA, so that is prohibitive usually. There are some local junk stores of which I seem to know the entire inventory intimately. Maybe if the for-sale items could be listed in bulk, IE: Alot of items in one listing rather than seperate listings for each item, that would keep the quantity of posts of such down yet provide us who need the parts a way of perusing this online swapmeet. Hamradiohomebrew requires parts which we cannot always readily obtain. One way of keeping the email down is to read the posts online like I do rather than have individual emails sent for each post. I do that on all my forums. Otherwise, I would have THOUSANDS of emails a day as I belong to probably 200 forums!!! You can change the settings in your forum setup. Please, no fights or flames, we all are working for the common good of keeping alive the ART of Ham Radio and Electronics Homebrew. Please, lets keep cool. 73, Pat WA6MHZ

--- In hamradiohomebrew@yahoogroups.com, bcarling@c... wrote:

> Are you the moderator?
>
> On 18 Nov 2005 at 4:00, don wrote:
>
> > This is really starting to look like spam
> > lighten up a bit on the sales please.
> > don ke7ffm
>
> > ----- Original Message -----
> > From: <bcarling@c...>
> > To: <HamStuff@yahoogroups.com>; <hamradiohomebrew@yahoogroups.com>;
> > <johnson@m...>; <MOPAGROUP@yahoogroups.com>
> > Sent: Friday, November 18, 2005 3:04 AM
> > Subject: [hamradiohomebrew] FS: Large Air Variable Caps etc.
> >
> >
> > > FOR SALE:
> > >
> > > 100 pF at 3000V transmitting variable capacitor.
> > > Excellent for linear amplifier or tuner project.
> > > Dimensions 5" X 5" X 4" and has standard 1/4"
> > > shaft 1.375" long.

> > > Available for $25.00 plus shipping.
> > >
> > > E.F. Johnson 100pF + 100 pF at 2500V transmitting
> > > variable capacitor.
> > > Split stator type. Comes with nice traditional
> > > knob like Collins.
> > > Dimensions 6.5" X 3" X 3" with standard 1/4"
> > > shaft.
> > > Available for $25.00 plus shipping.
> > >
> > > Unusual Dual Variable Capacitor with padders.
> > > This is a 2 X dual section cap with nice ceramic
> > > standoffs.
> > > Seems to be about 25 pF X 4 sections. Will require
> > > coupling to the shaft for control.
> > > Available for $2.00 plus shipping.
> > >
> > > Dual Section 70 pF 2 KV Transmitting Capacitor -
> > > Wide Spaced.
> > >
> > > 35pF + 35 pF Split stator variable cap.
> > > Dimensions: 6.5" X 3" X 2.5"
> > > Excellent condition.
> > > Available for $12.00 plus shipping.
> > >
> > > Pictures and details:
> > > http://www.af4k.com/variable_caps.htm
> > >
> > >
> > > SPONSORED LINKS Tube radio Radio Solid state
> > > Entertainment arts
> > >
> > >
> > > ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
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> > > YAHOO! GROUPS LINKS
> > >
> > > a.. Visit your group "hamradiohomebrew" on the web.
> > >
> > > b.. To unsubscribe from this group, send an email to:
> > > hamradiohomebrew-unsubscribe@yahoogroups.com
> > >
> > > c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms
of Service.
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## 98. [hamradiohomebrew] Spam

Yahoo group: hamradiohomebrew
Date: 2005-11-21 18:15:44 UTC
From: Walt Breining
Topic: 98  Message: 98

As a list user I agree that OCCASIONAL posting of items PERSONALLY for sale is acceptable, but regular advertising is Spam.

Vy 73, Walt N9WB

# 99. Re: [hamradiohomebrew] FS: Large Air Variable Caps etc.

Yahoo group: hamradiohomebrew
Date: 2005-11-21 18:25:23 UTC
From: Walt Breining
Topic: 80  Message: 99

Dave,
We are glad for a source of such parts, but it does not need to be
advertised every day. Put a note in the links section with his web site se
we can find them as needed.

Vy 73, Walt N9WB
----- Original Message -----
From: "David L. Foreman" <davelf11@...>
To: <hamradiohomebrew@yahoogroups.com>
Sent: Saturday, November 19, 2005 12:26 AM
Subject: Re: [hamradiohomebrew] FS: Large Air Variable Caps etc.

> With the title of this group, HamRadio HomeBrew, you would think that Home
Brewers would
> be glad for a source
> of parts to build whatever project they were working on. I have purchase
from Brian in the
> past and will be glad to do
> so in the future.
> Dave Foreman
>
> ----- Original Message -----
> From: "don" <drfrasher@...>
> To: <hamradiohomebrew@yahoogroups.com>
> Sent: Friday, November 18, 2005 20:39
> Subject: Re: [hamradiohomebrew] FS: Large Air Variable Caps etc.
>
>
> > No , of course not, but not only are spamming, instead of being
polite,
> > you sound like you rather get an attitude. So not only will I not buy
> > anything from you, I will not waste my time on another spam list.
> > Maybe others here like it, I for one do not. An occasional sales
> > posting of a personal nature I think would be welcome, and I believe
that is
> > what the moderator did allow, but these constant, daily, ads you place
here
> > are annoying to me, and strike me as opportunistic, disrespectful, and
well
> > beyond the intent of the moderator. If I am wrong about that, then so
much
> > the worse. I thought I joined a home-brew list, not the swap pages.
> > Enjoy it with out me
> >
> > Don

> >
> >
> >
> >
> > ----- Original Message -----
> > From: <bcarling@...>
> > To: <hamradiohomebrew@yahoogroups.com>
> > Sent: Friday, November 18, 2005 7:18 PM
> > Subject: Re: [hamradiohomebrew] FS: Large Air Variable Caps etc.
> >
> >
> >> Are you the moderator?
> >>
> >> On 18 Nov 2005 at 4:00, don wrote:
> >>
> >>> This is really starting to look like spam
> >>> lighten up a bit on the sales please.
> >>> don ke7ffm
> >>
> >>> ----- Original Message -----
> >>> From: <bcarling@...>
> >>> To: <HamStuff@yahoogroups.com>; <hamradiohomebrew@yahoogroups.com>;
> >>> <johnson@...>; <MOPAGROUP@yahoogroups.com>
> >>> Sent: Friday, November 18, 2005 3:04 AM
> >>> Subject: [hamradiohomebrew] FS: Large Air Variable Caps etc.
> >>>
> >>>
> >>> > FOR SALE:
> >>> >
> >>> > 100 pF at 3000V transmitting variable capacitor.
> >>> > Excellent for linear amplifier or tuner project.
> >>> > Dimensions 5" X 5" X 4" and has standard 1/4"
> >>> > shaft 1.375" long.
> >>> > Available for $25.00 plus shipping.
> >>> >
> >>> > E.F. Johnson 100pF + 100 pF at 2500V transmitting
> >>> > variable capacitor.
> >>> > Split stator type. Comes with nice traditional
> >>> > knob like Collins.
> >>> > Dimensions 6.5" X 3" X 3" with standard 1/4"
> >>> > shaft.
> >>> > Available for $25.00 plus shipping.
> >>> >
> >>> > Unusual Dual Variable Capacitor with padders.
> >>> > This is a 2 X dual section cap with nice ceramic
> >>> > standoffs.
> >>> > Seems to be about 25 pF X 4 sections. Will require
> >>> > coupling to the shaft for control.
> >>> > Available for $2.00 plus shipping.
> >>> >

> >>> > Dual Section 70 pF 2 KV Transmitting Capacitor -
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> >>> > 35pF + 35 pF Split stator variable cap.
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> >>> > Pictures and details:
> >>> > http://www.af4k.com/variable_caps.htm
> >>> >
> >>> >
> >>> > SPONSORED LINKS Tube radio Radio Solid state
> >>> > Entertainment arts
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> > Yahoo! Groups Links
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> > --
> > No virus found in this incoming message.
> > Checked by AVG Anti-Virus.
> > Version: 7.1.362 / Virus Database: 267.13.4/175 - Release Date:
11/18/2005
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> Yahoo! Groups Links
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# 100. Re: [hamradiohomebrew] FS: Large Air Variable Caps etc.

Yahoo group: hamradiohomebrew
Date: 2005-11-21 18:39:51 UTC
From: Dennis Wade
Topic: 80  Message: 100

Just in case anyone is keeping track...or actually cares..:)...

I am excited about this group providing a much needed forum to
exchange thoughts, sources of information and OCCASIONAL ads for items
for sale. I don't think commercial interests have a place here. But
we of course probably need parts from time to time.

My feeling is that a couple of for sale ads a month is probably
reasonable (subject to discussion and definition), but daily postings
are clearly excessive and commercial in nature. If I want to check
those suppliers, I can go check the lists that exist for buying and
selling. Personally, I don't want this list (or any other list not
for buying and selling) cluttered with commercial vendors hawking
their wares.

Just my 2 cents.

Dennis

On 11/21/05, Walt Breining <n9wb@...> wrote:
> Dave,
> We are glad for a source of such parts, but it does not need to be
> advertised every day. Put a note in the links section with his web site se
> we can find them as needed.
>
> Vy 73, Walt N9WB
> ----- Original Message -----
> From: "David L. Foreman" <davelf11@...>
> To: <hamradiohomebrew@yahoogroups.com>
> Sent: Saturday, November 19, 2005 12:26 AM
> Subject: Re: [hamradiohomebrew] FS: Large Air Variable Caps etc.
>
>
> > With the title of this group, HamRadio HomeBrew, you would think that Home
> Brewers would
> > be glad for a source
> > of parts to build whatever project they were working on. I have purchase
> from Brian in the
> > past and will be glad to do
> > so in the future.
> > Dave Foreman

--
Dennis L. Wade
KG6ZI
Carmichael, CA

# 101. Re: [hamradiohomebrew] FS: Large Air Variable Caps etc.

Yahoo group: hamradiohomebrew
Date: 2005-11-22 13:43:08 UTC
From: Brian Carling
Topic: 80  Message: 101

It looks like a few here are turning this into an argument list.

The articles posted lately on here that actually DO discuss
homebrewing have been largely ignored.

Is it any wonder? Now, can we get back to discussing
homebrewing? We don't need 25 moderators.

On 21 Nov 2005 at 10:39, Dennis Wade wrote:

> Just in case anyone is keeping track...or actually cares..:)...
>
> I am excited about this group providing a much needed forum to
> exchange thoughts, sources of information and OCCASIONAL ads for items
> for sale. I don't think commercial interests have a place here. But
> we of course probably need parts from time to time.
>
> My feeling is that a couple of for sale ads a month is probably
> reasonable (subject to discussion and definition), but daily postings
> are clearly excessive and commercial in nature. If I want to check
> those suppliers, I can go check the lists that exist for buying and
> selling. Personally, I don't want this list (or any other list not
> for buying and selling) cluttered with commercial vendors hawking
> their wares.
>
> Just my 2 cents.
>
> Dennis
>
> On 11/21/05, Walt Breining <n9wb@...> wrote:
> > Dave,
> > We are glad for a source of such parts, but it does not need to be
> > advertised every day. Put a note in the links section with his web site se
> > we can find them as needed.
> >
> > Vy 73, Walt N9WB
> > ----- Original Message -----
> > From: "David L. Foreman" <davelf11@...>
> > To: <hamradiohomebrew@yahoogroups.com>
> > Sent: Saturday, November 19, 2005 12:26 AM
> > Subject: Re: [hamradiohomebrew] FS: Large Air Variable Caps etc.
> >
> >
> > > With the title of this group, HamRadio HomeBrew, you would think that Home
> > Brewers would
> > > be glad for a source

> > > of parts to build whatever project they were working on. I have purchase
> > from Brian in the
> > > past and will be glad to do
> > > so in the future.
> > > Dave Foreman
>
> --
> Dennis L. Wade
> KG6ZI
> Carmichael, CA
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> Yahoo! Groups Links
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# 102. ON TOPIC: New Homebrew Project

Yahoo group: hamradiohomebrew
Date: 2005-11-22 17:58:03 UTC
From: wa6mhz_1
Topic: 102  Message: 102

I have been trying to score a Heathkit IP-17 onEbay for quite some time, but all the very rich snipers are denying me access to one. The IP-17 is a regulated High Voltage supply, good for about 400VDC at a 1/2 amp. This is very useful in building tube circuits and figuring how they will work or what voltage they run best at.
While scrounging around at a silent key estate giveaway (Only hours before all that wasn't taken would be BULLDOZED!! No kidding!) I threw in the Town Car an old heathkit something or another with a big power transformer and nice front panel meter. It even had a manual. Upon getting it home, it turned out to be a Heathkit PS-2 , the 1950s predecessor to the IP-17. The bad news was the previous owner had butchered it beyond belief, making it run off of 12VDC instead of 117VAC for some special application he had. He also rectified the 117VAC input to make a 150VDC bias supply. Not a good idea!!There were lots of extra transformers, chokes, tubes and parts added to the chassis, so there is no hope of restoring it to an original Musuem piece! I have never seen one of these on Ebay, so it must be incredibly rare!!! So I decide that if I cannot BUY a IP-17, I will BUILD it. Well, a semi-IP-17 using a combination of ideas from the 2 supplies. The first problem was the new transformer installed had no 5V Filament supply for the 5V4, only 2 6.3V windings. Not a good idea to run that high of voltage on the 5V4, it might burn it out!! So I calculated it would need a .9 Ohm 4W resistor in series with the filament to get it down to 5V. I found a 2 Ohm 25W power resistor with a variable tap and I will be installng that so the filament can be set precisely at 5V. Next, I am evaluating the 2 power circuits. The PS-2 used a pair of 1619 War Surplus tetrodes, but the guy had changed those out for a pair of 6Y6s. The IP-17 uses the common 6L6s for the Pass tubes. Not sure which I will use, but I have these 6Y6s already here and want to save my 6L6s for Plate modulators. The IP-17 uses a 6BH6 Sharp cutoff pentode while the PS-2 used another black metal tube (I forget the number), so I will probably go with the vintage tube. Since there are so many extra holes and transformers, I will add a regulated +150V output and a -100V Bias output. Progress is continuing, but it seems I always start a project, and then put it asdide for a "higher Priority" project. If I only had more time, I might actually finish one. Oh well, homebrewing is like Oil Painting. One never finishes a painting, there is always ways to improve it and make it better. Will keep the group updated as the project progresses. 73, WA6MHZ

# 103. Re: ON TOPIC: New Homebrew Project

Yahoo group: hamradiohomebrew
Date: 2005-11-23 14:55:29 UTC
From: w1hrm
Topic: 102  Message: 103

--- In hamradiohomebrew@yahoogroups.com, "wa6mhz_1" <wa6mhz_1@y...> wrote:
>
> I have been trying to score a Heathkit IP-17 onEbay for quite some
> time, but all the very rich snipers are denying me access to one. The
> IP-17 is a regulated High Voltage supply, good for about 400VDC at a
> 1/2 amp. This is very useful in building tube circuits and figuring
> how they will work or what voltage they run best at.
> While scrounging around at a silent key estate giveaway (Only
> hours before all that wasn't taken would be BULLDOZED!! No kidding!) I
> threw in the Town Car an old heathkit something or another with a big
> power transformer and nice front panel meter. It even had a manual.
> Upon getting it home, it turned out to be a Heathkit PS-2 , the 1950s
> predecessor to the IP-17. The bad news was the previous owner had
> butchered it beyond belief, making it run off of 12VDC instead of
> 117VAC for some special application he had. He also rectified the
> 117VAC input to make a 150VDC bias supply. Not a good idea!!There
> were lots of extra transformers, chokes, tubes and parts added to the
> chassis, so there is no hope of restoring it to an original Musuem
> piece! I have never seen one of these on Ebay, so it must be
> incredibly rare!!! So I decide that if I cannot BUY a IP-17, I will
> BUILD it. Well, a semi-IP-17 using a combination of ideas from the 2
> supplies. The first problem was the new transformer installed had no
> 5V Filament supply for the 5V4, only 2 6.3V windings. Not a good idea
> to run that high of voltage on the 5V4, it might burn it out!! So I
> calculated it would need a .9 Ohm 4W resistor in series with the
> filament to get it down to 5V. I found a 2 Ohm 25W power resistor
> with a variable tap and I will be installng that so the filament can
> be set precisely at 5V. Next, I am evaluating the 2 power circuits.
> The PS-2 used a pair of 1619 War Surplus tetrodes, but the guy had
> changed those out for a pair of 6Y6s. The IP-17 uses the common 6L6s
> for the Pass tubes. Not sure which I will use, but I have these 6Y6s
> already here and want to save my 6L6s for Plate modulators. The IP-17
> uses a 6BH6 Sharp cutoff pentode while the PS-2 used another black
> metal tube (I forget the number), so I will probably go with the
> vintage tube. Since there are so many extra holes and transformers, I
> will add a regulated +150V output and a -100V Bias output. Progress
> is continuing, but it seems I always start a project, and then put it
> asdide for a "higher Priority" project. If I only had more time, I
> might actually finish one. Oh well, homebrewing is like Oil Painting.
> One never finishes a painting, there is always ways to improve it and
> make it better. Will keep the group updated as the project
> progresses. 73, WA6MHZ
>

I have one that works. What are you willing to pay for it??

# 104. Re: ON TOPIC: New Homebrew Project

Yahoo group: hamradiohomebrew
Date: 2005-11-23 19:01:48 UTC
From: Ian Wilson
Topic: 102  Message: 104

Pat,
I've also been looking for an el cheapo IP-17, no luck so far.

I am currently using an old HP regulated supply. It uses a pair of 6L6's (actually the ruggedized version, I forget the number now), a VR-75 and I think a 6SJ7 as the error amplifier. Works well, providing up to 100mA from 100V to 400V. No meters, and no bias supply however, which is why I'm still looking.

Before I acquired the HP I was using a HB variable supply, using a pair of 12DQ6's, 6AC7 error amplifier, 0A2 voltage reference. I recently recycled this to build an HP-23 equivalent to use with an HW-101.

I have the schematic of the HP supply "somewhere", might be able to locate it if you are interested.

73, ian K3IMW/6

# 105. FS: OIL-FILLED CAPS, RECHARGEABLE BATTERIES

Yahoo group: hamradiohomebrew
Date: 2005-11-27 18:24:14 UTC
From: Brian Carling
Topic: 105  Message: 105

FOR SALE:

OIL-FILLED CAPACITORS-High Voltage types.

These are mostly used, tested capacitors. No
shorts, no leakage.
6 uF at 2500V DC Aerovox QTY 1 - $8.00
1 uF at 4000V DC Sangamo QTY 1 - $6.00
30 uF at 1000V DC No name QTY 1 - $8.00
12 uF at 1000V DC Cornel Dubilier QTY 1 - $8.00
6 uF at 2000V DC Sangamo QTY 1 - $6.00
2 uF at 4500V DC Sprague VitaminQ QTY 1 - $6.00
10 uF at 1500V DC Sangamo QTY 1 - $6.00
Shipping additional.

COMPUTER GRADE ELECTROLYTIC CAPACITORS
These are mostly used, tested capacitors. No
shorts, no leakage. Shipping additional.
525 uF at 450V DC Sprague QTY 3 - $4.00 each.
800 uF at 450V DC Sangamo QTY 10 - $5.00 each.
11,500uF at 18V DC Sprague QTY 1 - $3.00
7,500 uF at 25V DC Mallory QTy 1 - $2.00
40,000 uF at 25V DC QTY 3 - $3.00 each.
4000 uF at 40V DC Mallory QTY 1 - $3.00

Combine some of the above to save on shipping.

REDUCED:
Several Rechargeable batteries. These are sealed
lead-acid batteries and do not require any kind
of fancy charging system. Great for field day
or operating ham gear etc. These are lightly used
but have plenty of life left in them.
Shipping additional.

QTY 1 - Ohmeda - 12V at 2.3 AH - $5.00
QTY 2 - UNIPOWER 6 V at 2.8 AH - $4.00 each
QTY 1 - UNIPOWER 12 V at 7.5 AH - $8.00
QTY 4 - Werker - 12 V at 5 AH - $6.00 each

Details at:
http://www.af4k.com/miscpart.htm
http://www.af4k.com/capacitors.htm

# 106. FS: B&K Compressor Amplifier

Yahoo group: hamradiohomebrew
Date: 2005-11-27 18:29:08 UTC
From: Brian Carling
Topic: 106  Message: 106

FOR SALE:

B&K Model CA-300 Compressor-Amplifier -
transistorized.
Neat little package great for processing AM speech
envelope for greater talk power.
I think this may also be a limiter.
Has two adjustment controls on the front panel for
compression, level,
and on-off switch. Neat little green cabinet with
rubber feet.
Input jack uses a large 4-pin female connector and
the output is via a shelded cable with a male 4-
pin connector. Uses 9V Battery.
Available for $25.00 plus shipping.

# 107. FS: BNC Cables

Yahoo group: hamradiohomebrew
Date: 2005-11-27 20:32:40 UTC
From: Brian Carling
Topic: 107  Message: 107

FOR SALE:
(just found these)

Brand new professional quality BNC cables.
Ideal for lab, testing or RF applications.
Male BNC to BNC cable with black shielded cable.

QTY 8 - Length 6 feet - $4.00 each
QTY 2 - Length 12 feet - $5.00 each
QTY 3 - Length 14 feet - $6.00 each

All the above for $40.00 plus shipping

See: http://www.af4k.com/miscpart.htm

# 108. FS: Ham Radio Magazine - 16 issues

Yahoo group: hamradiohomebrew
Date: 2005-11-28 14:19:44 UTC
From: Brian Carling
Topic: 108  Message: 108

FOR SALE:

Ham Radio Magazine - 16 issues from 1981 and 1976.
Most are 1981... great technical articles and more.

Available for $16.00 plus media rate postage.

# 109. power supplies

Yahoo group: hamradiohomebrew
Date: 2005-11-29 10:45:39 UTC
From: Richard A. Waltman
Topic: 109  Message: 109

Hi,
I have the following power supplies for the cost of shipping.

Power supply #1
Dell model # PS-52801-1D
110/220V 50/60Hz input
200 Watt output
No power switch on supply

Power supply #2
Power Man model # FSP300-60GI
110/220V 50/60Hz input
300 Watt output
Has power switch

Power supply #3
HIPRO model # HP-235NLXAK
110/220V 50/60Hz input
235 Watt output
No power switch on supply

e-mail me off line if you want one or more of these.
first come first served.

The sihipping is from Florence, Texas

73
Richard kj5pn

# 110. VHF projects....

Yahoo group: hamradiohomebrew
Date: 2005-11-29 17:58:37 UTC
From: Michael Yancey
Topic: 110  Message: 110

I've searched google, and maybe I've not used the right combo
of keywords, yet, but has anyone seen any 6 meter or 1.25 meter
transceiver (or separate transmitter and/or receiver) projects?

I see several kits for transverters, but I'd have to either
buy a 10m rig or tie up my 2m HT to use this type of
configuration. (And, they idea IS to be chea... er.. economical
when homebrewing, no?)

Principally I'm a 'transister' fan (played with stuff since I
about 12 in the 1969), but tubes interest me too, and I've
got some tube test gear & radios I've worked on.

Thanks for any advice.

Mike Yancey
KE5EMA
Dallas, Texas

# 111. Re: ON TOPIC: New Homebrew Project (Progress report)

Yahoo group: hamradiohomebrew
Date: 2005-11-30 18:21:32 UTC
From: wa6mhz_1
Topic: 102  Message: 111

Or I should say LACK of progress report! It seems that you always find things that you didn't think about when you start to build. Since I was designing a bastardized version of the PS-2/IP-17, the idea was to use the existing parts to make it work. I had already made the 6V winding power the 5V4 with the .9 ohm resistor. That worked fine, but then I realized there was only 2 6V secondaries. This would not be a problem, except that the 6Y6s are direct heated and they use a hot cathode/filament like the 5V4, so the heater voltage cannot be used for powering other heaters as it is lit up at B+ from the cathode!!! Not so in a 6L6!! It's heaters are isolated. Since the 6AC7 needs 6V too, I had to install another transformer to supply its 6V heater. In the IP-17, they have a winding with more HV to supply a negative voltage to the circuit allowing the output to go from 0V to +400. No winding like that on my transformer!!! I was about ready to throw in the towel and spend the big bucks for a true IP-17 when I came across an obscure article!! In the December 1954 QST, W5RVD described JUST such a circuit I needed in his variable HV supply. He takes voltage off of the main winding to create his negative supply. Now I know where Heathkit got their ideas for the IP-17!! They modified W5RVDs design to make the IP-17 into a popular product. Today an IP-17 went for over $110!!! I sure can't afford that!! One seller at TRW mentioned he had one I could have for $75. Still too expensive!!! So, its back to building!! Atleast there is new hope for a hopeless project!
73,Pat WA6MHZ

# 112. Re: [hamradiohomebrew] New Homebrew Project (Progress report)

Yahoo group: hamradiohomebrew
Date: 2005-11-30 22:15:41 UTC
From: don
Topic: 112  Message: 112

congrats with the on-going efforts! I have found a lot of inspiration and ideas from old out-dated ham mags and such, and for myself, while I enjoy homebrewing for its own pleasures, for me, it began, and still often is, an issue of how can I have one those(whatever it is} with no money? what do I have laying around that i can put to use to create it?
my efforts are not all successes, and none of them look nice enough to show off, but when I a finish up with a good, working, usable unit for next to no cost, the pride and feeling of accomplishment is awesome.
Good Luck, please continue to keep us updated!!
Don Ke7ffm

----- Original Message -----
From: "wa6mhz_1" <wa6mhz_1@...>
To: <hamradiohomebrew@yahoogroups.com>
Sent: Wednesday, November 30, 2005 11:21 AM
Subject: [hamradiohomebrew] Re: ON TOPIC: New Homebrew Project (Progress report)

> Or I should say LACK of progress report! It seems that you always
> find things that you didn't think about when you start to build.
> Since I was designing a bastardized version of the PS-2/IP-17, the
> idea was to use the existing parts to make it work. I had already
> made the 6V winding power the 5V4 with the .9 ohm resistor. That
> worked fine, but then I realized there was only 2 6V secondaries.
> This would not be a problem, except that the 6Y6s are direct heated
> and they use a hot cathode/filament like the 5V4, so the heater
> voltage cannot be used for powering other heaters as it is lit up at
> B+ from the cathode!!! Not so in a 6L6!! It's heaters are isolated.
> Since the 6AC7 needs 6V too, I had to install another transformer to
> supply its 6V heater. In the IP-17, they have a winding with more HV
> to supply a negative voltage to the circuit allowing the output to go
> from 0V to +400. No winding like that on my transformer!!! I was
> about ready to throw in the towel and spend the big bucks for a true
> IP-17 when I came across an obscure article!! In the December 1954
> QST, W5RVD described JUST such a circuit I needed in his variable HV
> supply. He takes voltage off of the main winding to create his
> negative supply. Now I know where Heathkit got their ideas for the
> IP-17!! They modified W5RVDs design to make the IP-17 into a popular
> product. Today an IP-17 went for over $110!!! I sure can't afford
> that!! One seller at TRW mentioned he had one I could have for $75.
> Still too expensive!!! So, its back to building!! Atleast there is new
> hope for a hopeless project!
> 73,Pat WA6MHZ
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> ---
> YAHOO! GROUPS LINKS
>
> a.. Visit your group "hamradiohomebrew" on the web.
>
> b.. To unsubscribe from this group, send an email to:
> hamradiohomebrew-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
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# 113. Re: [hamradiohomebrew] Re: ON TOPIC: New Homebrew Project (Progress report)

Yahoo group: hamradiohomebrew
Date: 2005-12-01 00:40:20 UTC
From: Walt Breining
Topic: 102  Message: 113

I would replace the rectifier tube with 2 diodes and a 10 ohm 1/2 watt resistor in series with them. the resistors should be 1/2 watt. If you have a diode short, the resistors open saving the transformer.
----- Original Message -----
From: "wa6mhz_1" <wa6mhz_1@...>
To: <hamradiohomebrew@yahoogroups.com>
Sent: Wednesday, November 30, 2005 1:21 PM
Subject: [hamradiohomebrew] Re: ON TOPIC: New Homebrew Project (Progress report)

> Or I should say LACK of progress report! It seems that you always
> find things that you didn't think about when you start to build.
> Since I was designing a bastardized version of the PS-2/IP-17, the
> idea was to use the existing parts to make it work. I had already
> made the 6V winding power the 5V4 with the .9 ohm resistor. That
> worked fine, but then I realized there was only 2 6V secondaries.
> This would not be a problem, except that the 6Y6s are direct heated
> and they use a hot cathode/filament like the 5V4, so the heater
> voltage cannot be used for powering other heaters as it is lit up at
> B+ from the cathode!!! Not so in a 6L6!! It's heaters are isolated.
> Since the 6AC7 needs 6V too, I had to install another transformer to
> supply its 6V heater. In the IP-17, they have a winding with more HV
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> from 0V to +400. No winding like that on my transformer!!! I was
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> IP-17 when I came across an obscure article!! In the December 1954
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> supply. He takes voltage off of the main winding to create his
> negative supply. Now I know where Heathkit got their ideas for the
> IP-17!! They modified W5RVDs design to make the IP-17 into a popular
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> that!! One seller at TRW mentioned he had one I could have for $75.
> Still too expensive!!! So, its back to building!! Atleast there is new
> hope for a hopeless project!
> 73,Pat WA6MHZ
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# 114. DSP

Yahoo group: hamradiohomebrew
Date: 2005-12-01 13:18:08 UTC
From: don
Topic: 114  Message: 114

Does anyone know of some projects/schematics for dsp filters?
I am thinking about building something that I can plug into my kenwood ts440
and maybe use the voice switch to control it.
thanks
don ke7ffm

# 115. Re: ON TOPIC: New Homebrew Project (Progress report)

Yahoo group: hamradiohomebrew
Date: 2005-12-01 14:10:06 UTC
From: wa6mhz_1
Topic: 102  Message: 115

-
OK that is a great idea! Since this is a project for actual use, it
can include newer components. My major rule in homebrewing tube
equipment is to use only components of the era it is being designed
for: So nothing newer than about 1965. That is why I have been raiding
the swapmeets and junk stores for really old parts. This power supply
will be used in testing those kind of projects, but I suppose it would
be OK to use a 1990 or even 2005 part just this time. I have a
lifetime supply of 1N4007s which will work fine for this. It is
difficult to find modern components that work at Tube voltages. Even
all the little cheap disc bypass caps are 100V at best! Todays
manufacturers just can't imagine anyone using voltages that high!! 50V
is considered HIGH VOLTAGE to them!!!! I was measuring 458VDC last
night on the raw DC B+. I just can't imagine what it would be to
touch that. I wouldn't know for long, for if I did, my son would have
to find a new Dad!! TUBES ARE DANGEROUS!!!No errors allowed here!
Back to work, 73!!!
In hamradiohomebrew@yahoogroups.com, "Walt Breining" <n9wb@n...>
wrote:
>
> I would replace the rectifier tube with 2 diodes and a 10 ohm 1/2
watt
> resistor in series with them. the resistors should be 1/2 watt. If
you have
> a diode short, the resistors open saving the transformer.
> ----- Original Message -----
> From: "wa6mhz_1" <wa6mhz_1@y...>
> To: <hamradiohomebrew@yahoogroups.com>
> Sent: Wednesday, November 30, 2005 1:21 PM
> Subject: [hamradiohomebrew] Re: ON TOPIC: New Homebrew Project
(Progress
> report)
>
>
> > Or I should say LACK of progress report! It seems that you always
> > find things that you didn't think about when you start to build.
> > Since I was designing a bastardized version of the PS-2/IP-17, the
> > idea was to use the existing parts to make it work. I had already
> > made the 6V winding power the 5V4 with the .9 ohm resistor. That
> > worked fine, but then I realized there was only 2 6V secondaries.
> > This would not be a problem, except that the 6Y6s are direct
heated
> > and they use a hot cathode/filament like the 5V4, so the heater
> > voltage cannot be used for powering other heaters as it is lit up
at

> > B+ from the cathode!!! Not so in a 6L6!! It's heaters are
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HV
> > to supply a negative voltage to the circuit allowing the output to
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> > from 0V to +400. No winding like that on my transformer!!! I was
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> > supply. He takes voltage off of the main winding to create his
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# 116. Re: [hamradiohomebrew] Re: ON TOPIC: New Homebrew Project (Progress report)

Yahoo group: hamradiohomebrew
Date: 2005-12-01 14:31:37 UTC
From: Brian Carling
Topic: 102  Message: 116

On 1 Dec 2005 at 14:10, wa6mhz_1 wrote:

> OK that is a great idea! Since this is a project for actual use, it
> can include newer components. My major rule in homebrewing tube
> equipment is to use only components of the era it is being designed
> for: So nothing newer than about 1965.

But people were building homebrew and commercial radios with
tubes in them LONG after 1965...

I guess they didn't come up with many new TUBES after 1965
though...

# 117. Re: [hamradiohomebrew] Re: ON TOPIC: New Homebrew Project (Progress report)

Yahoo group: hamradiohomebrew
Date: 2005-12-01 14:53:22 UTC
From: Walt Breining
Topic: 102  Message: 117

Be sure to use the 10 ohm 1/2 watt resistors. Burning transformers smell up the whole house and causes a sinking feeling. It does not hurt anything to use two diodes in series on each side.

I've been hit with 800v a couple of times. It makes for a real bad day. I lost a friend who was also a broadcast engineer. He thought the power supply was off in a transmitter and contacted a 10 KV screen supply in a big transmitter. Many Many years ago 1950s an engineer at WFBM decided to check the filaments of a mercury rectifier that was directly heated. He was thinking low voltage and the insulation on the volt meter probes was too thin for 2 KV. Unfortunately he lost his life. Always place bleeder resistors across high voltage capacitors. then pretend that they are not there and discharge the capacitors anyway when working around them. They will probably work and save your life if you forget to discharge the caps, but if you count on them odds are sooner or later you will get hurt because one opened up. Using the bleeder resistors and also habitually discharging caps puts the odds in your favor.

One of my mentors, Martin Williams (W9MRW/SK) who worked for Marconi Wireless in 1918 and knew Marconi personally, told me to always keep one hand in my pocket when measuring High Voltages. That way the current will not go through my heart.

Vy 73, Walt N9WB

----- Original Message -----
From: "wa6mhz_1" <wa6mhz_1@...>
To: <hamradiohomebrew@yahoogroups.com>
Sent: Thursday, December 01, 2005 9:10 AM
Subject: [hamradiohomebrew] Re: ON TOPIC: New Homebrew Project (Progress report)

> -
> OK that is a great idea! Since this is a project for actual use, it
> can include newer components. My major rule in homebrewing tube
> equipment is to use only components of the era it is being designed
> for: So nothing newer than about 1965. That is why I have been raiding
> the swapmeets and junk stores for really old parts. This power supply
> will be used in testing those kind of projects, but I suppose it would
> be OK to use a 1990 or even 2005 part just this time. I have a
> lifetime supply of 1N4007s which will work fine for this. It is
> difficult to find modern components that work at Tube voltages. Even
> all the little cheap disc bypass caps are 100V at best! Todays
> manufacturers just can't imagine anyone using voltages that high!! 50V
> is considered HIGH VOLTAGE to them!!!! I was measuring 458VDC last

> night on the raw DC B+. I just can't imagine what it would be to
> touch that. I wouldn't know for long, for if I did, my son would have
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> Back to work, 73!!!
> In hamradiohomebrew@yahoogroups.com, "Walt Breining" <n9wb@n...>
> wrote:
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> > I would replace the rectifier tube with 2 diodes and a 10 ohm 1/2
> watt
> > resistor in series with them. the resistors should be 1/2 watt. If
> you have
> > a diode short, the resistors open saving the transformer.
> > ----- Original Message -----
> > From: "wa6mhz_1" <wa6mhz_1@y...>
> > To: <hamradiohomebrew@yahoogroups.com>
> > Sent: Wednesday, November 30, 2005 1:21 PM
> > Subject: [hamradiohomebrew] Re: ON TOPIC: New Homebrew Project
> (Progress
> > report)
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> > >
> > > Or I should say LACK of progress report! It seems that you always
> > > find things that you didn't think about when you start to build.
> > > Since I was designing a bastardized version of the PS-2/IP-17, the
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> > > This would not be a problem, except that the 6Y6s are direct
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> > > and they use a hot cathode/filament like the 5V4, so the heater
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> > > to supply a negative voltage to the circuit allowing the output to
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> > > from 0V to +400. No winding like that on my transformer!!! I was
> > > about ready to throw in the towel and spend the big bucks for a
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> > > IP-17 when I came across an obscure article!! In the December
> 1954
> > > QST, W5RVD described JUST such a circuit I needed in his variable
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> > > supply. He takes voltage off of the main winding to create his
> > > negative supply. Now I know where Heathkit got their ideas for
> the

> > > IP-17!! They modified W5RVDs design to make the IP-17 into a
> popular
> > > product. Today an IP-17 went for over $110!!! I sure can't
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> > > that!! One seller at TRW mentioned he had one I could have for
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> > > hope for a hopeless project!
> > > 73,Pat WA6MHZ
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# 118. FS: Panel Meters etc.. from $2.00 to $9.00

Yahoo group: hamradiohomebrew
Date: 2005-12-02 22:30:32 UTC
From: Brian Carling
Topic: 118  Message: 118

FOR SALE:

Mechanical Turns Counter - $5.00
Panel meter, 150 Amp DC - $2.00
200 uA DC - $4.00
1 mA DC - $5.00
RF CARRIER POWER 200W/Mod - $4.00
50 mA DC - $4.00
50V AC New In Box - $4.00
Panel Meter - CDR Rotator - $4.00
VSWR Panel Meter, Weston - $4.00
250 mA DC - $5.00
Miniature R390 style 150 mA DC $6.00
Miniature R390 style 3 mA DC - $9.00 ea.
Panel Meter 0-80 Degrees C (1mA DC) - $3.00
Meter, 5A RF Amperes - $3.00
RF Watts, 100 Watts and 1000 Watts - $4.00
1 mA DC - by Weston - $9.00
Meter in Cabinet - 100 mA DC - $10.00
3 Volts DC - $4.00
Panel Meter 1.5A DC - $5.00
HICKOK 50 uA DC - $5.00 ea.
Milliwatts and dBm, Smith - $3.00
Marion dBm Measurements - $3.00
HP dBm Power Meters - $5.00 ea.
Elapsed Time Meter - Haydon - $4.00 ea.
Tuning Indicator Meter - $2.00
Vectron Panel Meter - Center Zero - $2.00
Distortion Meter in Cabinet $8.00
Pressure Gauges - 2 for $4.00
Shipping additional - combine several.

Pictures and details at:
http://www.af4k.com/meters.htm

I have a bunch more of these interesting panel meters
to make pictures of, and I will post them soon.

# 119. FS: Radio Dials & Misc Goodies

Yahoo group: hamradiohomebrew
Date: 2005-12-03 13:04:26 UTC
From: Brian Carling
Topic: 119  Message: 119

FOR SALE:

Hexacon soldering iron controller $5.00
Panel Meter for Audio VU Level - $6.00
Radio Shack antenna tuner - $6.00
Antique Dial With locking reduction drive - $15.00
2 Reduction Drive Dials 5:1 - $10.00 each.
National Velvet Verier Dial - $9.00
7.5 Amp Circuit Breaker ON-OFF Switch - $3.00
U.S. Navy Accessory Case - reduced to $9.00
Delay Relay - 115NO2 - $10.00
Delay Relay - 115N10 - $10.00
Shipping additional.

For pictures and details see:
http://www.af4k.com/miscpart.htm

# 120. New file uploaded to hamradiohomebrew

Yahoo group: hamradiohomebrew
Date: 2005-12-04 19:17:29 UTC
From: hamradiohomebrew@yahoogroups.com
Topic: 3  Message: 120

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the hamradiohomebrew
group.

File : /Use Electret .bmp
Uploaded by : n9wb <n9wb@...>
Description : circuit for using computer microphones and other electret buttons.

You can access this file at the URL:
http://groups.yahoo.com/group/hamradiohomebrew/files/Use%20Electret%20.bmp

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/help/us/groups/files

Regards,

n9wb <n9wb@...>

# 121. FS: Military Surplus SHOCKMOUNTS

Yahoo group: hamradiohomebrew
Date: 2005-12-05 01:15:24 UTC
From: Brian Carling
Topic: 121  Message: 121

FOR SALE: Military Surplus Shock Mounts.
Dimensions: 2-3/8" X 2-3/8" - Depth of 1-3/8" with four
mounting holes
for chassis side, and one larger screw for the equipment side.
Will sell all EIGHT for $12.00 plus shipping.

Pictures and details at:
http://www.af4k.com/miscpart.htm

## 122. FS: Nifty Parts & Accessories

Yahoo group: hamradiohomebrew
Date: 2005-12-17 13:48:29 UTC
From: Brian Carling
Topic: 122  Message: 122

FOR SALE:

E.F. Johnson 4-pin Tube Sockets, ceramic/silver.
QTY 5 for $29.00

EIMAC 4-400 Tube Duct-base attachments. (not whole
socket) QTY 2 for $25.00

CS-137 Military Crystal Cases.
QTY 2 available for $16.00 each.

National Radio Company Line Filter - $5.00

National Velvet Vernier dial - one only - $12.00

Turns-Counter Dial 0-100 QTY1 for $3.00

Antique Radio Vernier Dial 8:1 ratio - $10.00

Reduction Drive Dial 5:1 - $10.00

James Millen Knob 0-100, 3.5" dia. - $6.00

7.5 Amp breaker switch - $3.00

COLOR ORGAN in TENTEC CASE - $6.00

Courier Comms PORTA-LAB RF Tester - $19.00

Heath TC-3 TV Sweep Tester - $15.00

POWERCON Vibrator Power Supply - $10.00

Alliance Rotator Control Box - $6.00

Rechargeable Batteries 6v, 12V - $4,5,6 & 8.00
each.

VEEDER-ROOT Counter - $5.00

12-pin Jones Connectors for Drake, Swan, Yaesu -
$4.00

Radio Shack antenna tuner - $6.00

Shipping additional...

Pictures and details at:
http://www.af4k.com/miscpart.htm

73 - Brian, AF4K

# 123. FS: TU51 Tuning Unit etc.

Yahoo group: hamradiohomebrew
Date: 2005-12-17 14:27:21 UTC
From: Brian Carling
Topic: 123  Message: 123

FOR SALE:

TU-51 Tuning Unit for BC610 Transmitter. Covers 5.0 to 6.35
MHz
Very good condition. QTY 1 for $35.00 plus shipping.

Midland 13-867 CB Radio - 23 Channels.
Very good condition. With microphone - $9.00

Picture and details at:
http://www.af4k.com/miscpart.htm

# 124. Miscellaneous Oddball Goodies...

Yahoo group: hamradiohomebrew
Date: 2005-12-19 00:02:53 UTC
From: Brian Carling
Topic: 124  Message: 124

FOR SALE:
Miscellaneous Strange Electronic Gizmos...

COLOR ORGAN in nice TEN-TEC
case - $6.00

Ham QST Project - in a VERY nice case - $15.00

National Radio Co. Velvet Vernier -
$12.00

National Radio Line Filter - $5.00

Courier Communications PORTA-
LAB Radio Tester - $19.00

Pye Telecommunications CTCSS Encoder/Decoder $4.00

POWERCON Vibrator Power Supply

E.F. Johnson 4-pin Tube Sockets - OK
I found 6 altogether - $32.00 for the
lot.

CS-137 Military Crystal Cases - for FT243
Crystals - $16.00

Pictures and additional oddball listings at:
http://www.af4k.com/miscpart.htm

# 125. ACTIVITY NEEDED!!!!!

Yahoo group: hamradiohomebrew
Date: 2005-12-20 15:22:57 UTC
From: wa6mhz_1
Topic: 125  Message: 125

I see a few people have dropped off the list and there isn't too many posts lately, we need to re-vitalize our group and post up whats going on. WHAT are you building??
I have so many projects going at once that none seem to get finished. I started this 2 meter AM transmitter and got to the point of panel and chassis layout, but design problems and insecurity about whether it will work has halted construction. With hundreds of dollars invested in parts acquisition and hundreds of hours of design time researching old QSTs and handbooks for just the right data, I vowed NOT to build until I was sure that the design was correct. Having an onboard power supply and high level plate modulator ate up most of the chassis leaving little room for the RF stages. Going to diode rectifiers would save a little space as there is 3 supplies (HV, Low V and -Bias) but I worry about how authentic it would be. Even using minature tubes is a concern as they are almost too new! The chassis is still sitting there with all the holes to be drilled marked, but if the design changes, then those holes must not be drilled. I was unable to find EXACTLY the circuit I wanted, so it is a combination of dozens of circuits from all over. The worst catastrophe is to BUILD BEFORE DESIGN!! I know this all too well from my work at work. I have seen accomplished engineers design a circuit, send it to production and have a whole run of units made. My job was to test them. When I plugged the first one it, it smoked. I reverse engineered the product and found that there was NO WAY IT COULD HAVE EVER WORKED!!!! So, at a cost of thousands of dollars, the whole run of products were scrapped. Maybe they could keep the nuts and bolts, they were still good. DESIGN before BUILDING!!!! So I won't drill one hole before I am solidly sure the circuit is foolproof. But there is ALWAYS one of those "OH, I didn't THINK about that!!!" things that come up and a work-around has to be improvised. This is HOMEBREW at its best! Coming up with a way to make the circuit work while having it look like it was supposed to be that way all along!!
My 2nd project, the Homebrew PS-2/IP-17 High voltage variable power supply, also ran into some snags. I got the basic High voltage section working, but then I found some circuits using 3 OA2s for a negative voltage regulator circuit. This was robbed from the later Heathkit PS-3. The stumbling point right now is WHERE to mount these 3 7 Pin sockets on a completely full chassis. No room to punch more tube holes. SO I am considering making a bracket to hold the 3 sockets on and putting it somewhere above the chassis. No progress on that right now, so that project is on the "I will get back to it, someday" bench. Meanwhile, I got in a Hallicrafters S-108 that needed restoration. We are talking CONSIDERABLE restoration as the front panel and chassis were rusted to a hulk. Looks like this has been sitting at the bottom of the Harbor for the past 60 years!!! Not

wanting to eat the MUCHO $$ I squandered on Ebay for it, It was taken apart and the front panel repainted and fixed up nicely. The chassis was gone over with Naval Jelly to eat away the thick rust covering, and then I used my dremel tool and wire brushes to get down to steel again. This is an incredibly time consuming and tedious task, but portions of the chassis are starting to look great again. It will still be obvious that this was heavily rusted, but it will look alot better than it did. So thats whats going on here. Wish I had more time to work on all this, but the boat anchors just keep coming in from Ebay and they get priority in processing for the Museum. Lets hear what you are all doing and how things are progressing. 73, WA6MHZ

# 126. The Goat Hill Special

Yahoo group: hamradiohomebrew
Date: 2005-12-20 18:18:19 UTC
From: Ian Wilson
Topic: 126  Message: 126

My 837/813 MOPA rig (now 'The Goat Hill Special') has progressed to a point where I am getting RF out of the PA stage. So, time for pics: http://home.earthlink.net/~ianmwilson/id4.html

I only have 400V on the 813 at the moment but will be hooking up a 900V supply soon.

The 837 was putting out lots of drive but sounded rather chirpy, so I did some experimentation. Reducing the screen voltage from 210 to 105 helped enourmously. I am also on the third iteration of the interstage coupling components. Now they consist of a 9uH coil on a T125-2 toroid, and an air variable capacitor. The reduced screen voltage reduced the output drive a lot, but I can still get more than the requisite 12mA into the 813 grid.

Next step is to connect up the HV supply. I hope to get this rig on the air over the Christmas break.

73, ian K3IMW

# 127. [hamradiohomebrew] Wealth of information

Yahoo group: hamradiohomebrew
Date: 2005-12-20 20:41:18 UTC
From: Walt Breining
Topic: 127  Message: 127

Here is a site with a wealth of information about antennas and other Amateur Radio matters.

http://www.cebik.com/radio.html

Vy 73, Walt N9WB
Good audio is an Amateur Radio tradition, not a crime.

# 128. Re: The Goat Hill Special

Yahoo group: hamradiohomebrew
Date: 2005-12-21 14:44:27 UTC
From: wa6mhz_1
Topic: 126  Message: 128

Thanks, Ian, for that great link and congrats on your outstanding project!! Love the sight of the 813 glowing. Beautiful craftsmanship on this project!!! Wonder what you did for the power supply, and is there a modulator? I am planning on using a pair of 6L6s to modulate a 6146, but think you would need some really hefty tubes to tackle a 813. 73 and Thanks again, Ian!!

--- In hamradiohomebrew@yahoogroups.com, "Ian Wilson" <woooey@h...> wrote:

> My 837/813 MOPA rig (now 'The Goat Hill Special') has progressed to
> a point where I am getting RF out of the PA stage. So, time for pics:
> http://home.earthlink.net/~ianmwilson/id4.html
>
> I only have 400V on the 813 at the moment but will be hooking up a
> 900V supply soon.
>
> The 837 was putting out lots of drive but sounded rather chirpy, so
> I did some experimentation. Reducing the screen voltage from 210 to
> 105 helped enourmously. I am also on the third iteration of the
> interstage coupling components. Now they consist of a 9uH coil on a
> T125-2 toroid, and an air variable capacitor. The reduced screen
> voltage reduced the output drive a lot, but I can still get more than
> the requisite 12mA into the 813 grid.
>
> Next step is to connect up the HV supply. I hope to get this rig on
> the air over the Christmas break.
>
> 73, ian K3IMW
>

# 129. Re: ACTIVITY NEEDED!!!!!

Yahoo group: hamradiohomebrew
Date: 2005-12-21 19:39:20 UTC
From: Michael Yancey
Topic: 125  Message: 129

It's great to read about your projects.

Do you have a webpage where you're posting schematics, parts-lists
etc? I'd be interested in following along in your trials and tribulations.

For myself, I'm still searching for a good Ham project.
I'm interested in VHF projects (esp. 2m AM); I recently posted a query
about 6m projects (transmitter, receiver, or transceiver, or even
transverter), tube or transister. I'll take my General (and Morse!)
elements in January, so perhaps that'll open up a new world of
potential projects.

I've rebuilt things with selenium rectifiers and I'm happy to discard
the nasty old non-working things and replace them with a good quality
diode bridge, so obviously I'm less focused on 'authenticity' than on
functionality and performance (although, I certainly *do* admire folks
to are faithful - love that "Goat Hill Special").

Mike Yancey
KE5EMA
Dallas, Texas

--- In hamradiohomebrew@yahoogroups.com, "wa6mhz_1" <wa6mhz_1@y...> wrote:
> I see a few people have dropped off the list and there isn't too many
> posts lately, we need to re-vitalize our group and post up whats going
> on. WHAT are you building??

> I have so many projects going at once that none seem to get
> finished. I started this 2 meter AM transmitter and got to the point
> of panel and chassis layout, but design problems and insecurity
about whether it will work has halted construction.

# 130. Re: [hamradiohomebrew] Re: ACTIVITY NEEDED!!!!!

Yahoo group: hamradiohomebrew
Date: 2005-12-21 23:44:17 UTC
From: john gallagher
Topic: 125  Message: 130

OK
Has anyone used the NTE 7164 chip in any project?? NTE's cross reference gives you this number when you type in SA602.
73
KA9AZD
john

Michael Yancey <mikeyancey@...> wrote: It's great to read about your projects.

Do you have a webpage where you're posting schematics, parts-lists
etc? I'd be interested in following along in your trials and tribulations.

For myself, I'm still searching for a good Ham project.
I'm interested in VHF projects (esp. 2m AM); I recently posted a query
about 6m projects (transmitter, receiver, or transceiver, or even
transverter), tube or transister. I'll take my General (and Morse!)
elements in January, so perhaps that'll open up a new world of
potential projects.

I've rebuilt things with selenium rectifiers and I'm happy to discard
the nasty old non-working things and replace them with a good quality
diode bridge, so obviously I'm less focused on 'authenticity' than on
functionality and performance (although, I certainly *do* admire folks
to are faithful - love that "Goat Hill Special").

Mike Yancey
KE5EMA
Dallas, Texas

--- In hamradiohomebrew@yahoogroups.com, "wa6mhz_1" <wa6mhz_1@y...> wrote:
> I see a few people have dropped off the list and there isn't too many
> posts lately, we need to re-vitalize our group and post up whats going
> on. WHAT are you building??

> I have so many projects going at once that none seem to get
> finished. I started this 2 meter AM transmitter and got to the point
> of panel and chassis layout, but design problems and insecurity
about whether it will work has halted construction.

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Tube radio Radio Solid state Entertainment arts

---
YAHOO! GROUPS LINKS

Visit your group "hamradiohomebrew" on the web.

To unsubscribe from this group, send an email to:
hamradiohomebrew-unsubscribe@yahoogroups.com

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

---

_____
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

# 131. Re: The Goat Hill Special

Yahoo group: hamradiohomebrew
Date: 2005-12-23 02:05:52 UTC
From: Ian Wilson
Topic: 126  Message: 131

Thanks, Pat. Much of the craftsmanship is due to others. My metalworking skills are not great, so I do best when I can reuse things like brackets that have been made by others. Good reason for never throwing anything away! (Not that I can always find what I have).

The HV supply at the moment is about 850V. Using SS diodes in a brdge rectifier. I will probably try a voltage doubler (and a different transformer) to get up to about 1200V later on.

I don't have any high-power AM ambitions at the moment, so no plans for a modulator. I do have some iron for later AM efforts though.

This is being a fun project, couldn't have done it without LOTS of support from all kinds of people. Great hobby!

73 and Happy Holidays to all.

--ian K3IMW/6

# 132. Re: [hamradiohomebrew] ACTIVITY NEEDED!!!!!

Yahoo group: hamradiohomebrew
Date: 2005-12-26 13:59:37 UTC
From: Brian Carling
Topic: 125  Message: 132

Great to see some revitalized interest in the group.

I have some projects waiting in the wings - a pair of 4-125 finals
and ready-made QRO power supply from an old Motorola
repeater etc.

For now though I must clear the bench of a half-repaired DX100 so
I can do some operatting this week with the DX60B and SB-300
combo!

Somewhere I have a DDS VFO kit I bought about a year ago and
never built! Is that considered homebrewing?

# 133. Re: [hamradiohomebrew] ACTIVITY NEEDED!!!!!

Yahoo group: hamradiohomebrew
Date: 2005-12-26 15:24:31 UTC
From: Walt Breining
Topic: 125  Message: 133

ACTIVITY NEEDED!!!!!

I'm working on a audio pre amp to interface studio and antique mikes with my FT 101 E, TS-820 s and Ten Tec Paragon. I have used TL0 72 ICs in such projects before but this time I want to play with J FETs. JFets are high impedance like tubes but use a much lower voltage. This can be both good and bad.

This is a lot like what musicians call a "direct box"
Professional studio and antique mikes are 500 ohm impedance and are usually very flat sounding.
I am going to try bridging the mikes at a very high impedance, 5-10 meg ohms. I am thinking that it would improve the flatness to the microphone, particularly on the low end. But I also need to boost the presence range centering around 2000 Hz, to improve articulation. So I am going to add a second stage that has a variable presence boost that does not employ feedback.

I am building each stage on individual small PC boards. The Radio Shack universal boards that have holes and plated circles. This way I can switch individual stages as I experiment or work out bugs. The power supply is like a wall wart except it is larger and has a line cord from it to the wall outlet. Another wire supplies + 30 volt DC output. The transformer is therefore outside and removed from the box eliminating inductance hum from the transformer core. I found a AC line filter circuit that would suppress RF in an old printer. So I cut that part from the printer's PC board and the 30 V DC through this once it enters the box and then through a choke input filter with 2200 uf following the choke to smooth out ripple.

After I get the pre amp and presence boost worked out, I may add a compressor or clipper to fatten up the sound.
.....
ALSO
I have an article in Files about a mod to the D-104. It was my last project. You will be surprised what a ceramic element can sound like. With this mod, it has a very nice full sound. Check it out! It is way easy.

Vy 73, Walt N9WB
Good audio is an Amateur Radio tradition, not a crime.

# 134. Re: [hamradiohomebrew] Re: ACTIVITY NEEDED!!!!!

Yahoo group: hamradiohomebrew
Date: 2005-12-26 14:01:06 UTC
From: Brian Carling
Topic: 125  Message: 134

On 21 Dec 2005 at 19:39, Michael Yancey wrote:

> For myself, I'm still searching for a good Ham project.
> I'm interested in VHF projects (esp. 2m AM)

Mike, if you or other guys are interested, I now have crystals for 2m AM on 144.450 MHz.
These are 8025 kHz multiplier crystals and I have them in FT243 holders for tube type projects.
I also have them in small wire lead packages for the solid staters.

Brian

# 135. FS: CRYSTAL SOCKETS

Yahoo group: hamradiohomebrew
Date: 2005-12-27 11:31:54 UTC
From: Brian Carling
Topic: 135  Message: 135

FOR SALE:

NEW CERAMIC HC6/U CRYSTAL SOCKETS.
These are for the metal can crystals with pins spaced
about 1/2" apart. These are new, ceramic sockets usable
all the way up to VHF. Single screw mount, with solder terminals.
Great for amateur radio homebrew or repairs.
They have 0.486" pin spacing. Smaller diameter pins than FT243.
These mount with a single hole. Dozens available as follows:
Reduced from $3.00 each.
Dozens available for $1.50 each or 10 for $10.00 plus shipping.

Picture:
http://af4k.com/imag/ham/hc6s2.jpg

Dimensions:
http://af4k.com/crystal_holders.htm

VARIOUS CRYSTALS

# 136. DX-40 power transformer or equiv.

Yahoo group: hamradiohomebrew
Date: 2005-12-28 14:17:55 UTC
From: w1hrm
Topic: 136  Message: 136

Hi,
I am looking for a DX-40 power transformer or equiv.
Ratings:
700 volts ac each side of CT
2- 6.3 vac filament windings
5 volt not necessary but will accept

Thanks
73 Jim W1HRM

# 137. REDUCED: New 450V Electrolytic Can Capacitors Deal

Yahoo group: hamradiohomebrew
Date: 2005-12-28 20:56:04 UTC
From: Brian Carling
Topic: 137  Message: 137

FOR SALE:

Group of FOUR 450V Can Capacitors...

NOS AEROVOX Electrolytic CAN Capacitors.
Excellent for homebrew or repair of radio equipment.
All shiny and new looking. Two are still in boxes.

AFH1-55 which has one section of 80 uF at 450V DC
working voltage.
QTY 2 Available for $8.00 each plus shipping.

AF4H-18-45 which has FOUR sections of 40 uF at
450V DC working voltage.
QTY 1 Available for $12.00 plus shipping.

PYRAMID TM-4089 has Two sections of 30 uF at 450V
DC and two sections of 125 uF at 25V DC.
QTY 1 available for $6.00 plus shipping.

REDUCED - was $33.00 for all.

BUY ALL 4 OF THESE FOR $20.00 for shipping

# 138. Re: [hamradiohomebrew] REDUCED: New 450V Electrolytic Can Capacitors Deal

Yahoo group: hamradiohomebrew
Date: 2005-12-04 21:16:47 UTC
From: Michael Freitag
Topic: 137  Message: 138

Ill take them all, how do you want to be paid? whats your address? or do you want Paypal? Mike

Brian Carling wrote:

> FOR SALE:
>
> Group of FOUR 450V Can Capacitors...
>
> NOS AEROVOX Electrolytic CAN Capacitors.
> Excellent for homebrew or repair of radio equipment.
> All shiny and new looking. Two are still in boxes.
>
> AFH1-55 which has one section of 80 uF at 450V DC
> working voltage.
> QTY 2 Available for $8.00 each plus shipping.
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> AF4H-18-45 which has FOUR sections of 40 uF at
> 450V DC working voltage.
> QTY 1 Available for $12.00 plus shipping.
>
> PYRAMID TM-4089 has Two sections of 30 uF at 450V
> DC and two sections of 125 uF at 25V DC.
> QTY 1 available for $6.00 plus shipping.
>
> REDUCED - was $33.00 for all.
>
> BUY ALL 4 OF THESE FOR $20.00 for shipping
>
> ---------------------------------------------------------------------
> YAHOO! GROUPS LINKS
>
> * Visit your group "hamradiohomebrew
> <http://groups.yahoo.com/group/hamradiohomebrew>" on the web.
>
> * To unsubscribe from this group, send an email to:
> hamradiohomebrew-unsubscribe@yahoogroups.com
> <mailto:hamradiohomebrew-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
>
>
> ---------------------------------------------------------------------

>

# 139. Group For Classic Icom IC-740

Yahoo group: hamradiohomebrew
Date: 2005-12-28 23:22:18 UTC
From: vk2hsv
Topic: 139  Message: 139
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Guys n Gals

I just started a group for the Classic Icom IC-740. I would like to invite anyone that either has, had or is interested in getting the classic radio to join.

http://groups.yahoo.com/group/IC_740

Mal - VK2HSV

# 140. Re: [hamradiohomebrew] REDUCED: New 450V Electrolytic Can Capacitors Deal

Yahoo group: hamradiohomebrew
Date: 2005-12-05 00:02:27 UTC
From: Michael Freitag
Topic: 137  Message: 140

Brian ,I wrote you earlier today right when you posted about the caps,I didnt hear back I dont know if you get my email adress from the site. So its W9GYC @.... Let me know how you want to be paid, MO,Paypal,check ect and where to send. Mike

Brian Carling wrote:

> FOR SALE:
>
> Group of FOUR 450V Can Capacitors...
>
> NOS AEROVOX Electrolytic CAN Capacitors.
> Excellent for homebrew or repair of radio equipment.
> All shiny and new looking. Two are still in boxes.
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> AFH1-55 which has one section of 80 uF at 450V DC
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> REDUCED - was $33.00 for all.
>
> BUY ALL 4 OF THESE FOR $20.00 for shipping
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> ---
> YAHOO! GROUPS LINKS
>
> * Visit your group "hamradiohomebrew
> <http://groups.yahoo.com/group/hamradiohomebrew>" on the web.
>
> * To unsubscribe from this group, send an email to:
> hamradiohomebrew-unsubscribe@yahoogroups.com
> <mailto:hamradiohomebrew-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
>

>
> ---
>

# 141. FS: Ladderline (Real open wire)

Yahoo group: hamradiohomebrew
Date: 2005-12-31 01:23:01 UTC
From: Brian Carling
Topic: 141  Message: 141

FOR SALE:

Two rolls of 600 ohm ladder line. This is the real feedline that has coppper wire and plastic spacers, unlike the plastic twinlead stuff with windows that is 450 ohm and cracks etc. This feedline can take it.

Each roll is approximately 100 feet long. I am not going to unroll them and measure, but it is 60 turns coiled up and each is about 8" diameter average - so I figure there must be at least 100 feet here on each roll.

I will sell the two rolls for $40.00 plus $8.50 for shipping

# 142. Resistor Capacitor substitution box FS

Yahoo group: hamradiohomebrew
Date: 2005-12-31 18:41:17 UTC
From: Ken Simpson, W8EK
Topic: 142  Message: 142

Resistor capacitor substitution box For Sale

Olson TE-213 "CR substitution box"

This box has leads about 18 inches long with alligator
clips, instead of the more normal binding posts.
Resistance range is from 15 ohms
to 1 Megohm. Capacitance is from .0001 to .22 micro
farads.

This unit works great.

$18 plus shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

# 143. REDUCED: BC-669 CRYSTALS TYPE DC34 for 160m, 80m

Yahoo group: hamradiohomebrew
Date: 2006-01-01 16:28:27 UTC
From: Brian Carling
Topic: 143  Message: 143

FOR SALE:
Twelve DC 34 Crystals Type DC34 as used in BC-669 Transmitter.

1690, 1830, 1830, 1830, 1850, 1850,
1870, 1910, 1910, 1910, 1930 and 3655 kHz.

DC-34 - Crystal 1-3/8" wide X 1/2" X 1-3/8" tall.
Pins 3/4" apart. 1/8" dia. X 5/8" long.

REDUCED from $12.00 each.
Total of twelve of these offered at $6.00 each or all for $50.00
plus shipping.

For picture and the holder size and dimensions see:

http://www.af4k.com/dc34_crystals.htm
http://www.af4k.com/crystal_holders.htm

# 144. FS: COILS COIL COILS

Yahoo group: hamradiohomebrew
Date: 2006-01-03 11:32:11 UTC
From: Brian Carling
Topic: 144  Message: 144

FOR SALE - Quantity 30 plus RF coils. Including AIRDUX air core
and military surplus ceramic core types.
From $2.00 to $14.00 - great for homebrew transmitters, receivers,
linear amplifiers and crystal sets.

Examples:

Group of smaller Airdux coils. New in Boxes.
4 boxes, three coils. If I can find the fourth
coil
I will throw it in at no additional charge.
816T - 1" diameter X 3". Has 25 turns of 18
gauge
wire - 4.8 uH
508T - 5/8" diameter X 2" long. 16 turns of 18
gauge
wire - 1.5 uH
416T or 432T - 5/8" diameter X 2" has 32 turns of
20 gauge wire - 3.4 uH
Will sell all of these small coils for $10.00 plus
shipping.

Wilcox ceramic core transmitting coil.
2-1/2" diameter X 3-3/4" long coil on a 5" long
form.
Has 26 turns of 14 gauge wire. Inductance is 21.1
uH.
Available for $9.00 plus shipping.

I will be adding more coils as time permits.
For pictures and details see:
http://www.af4k.com/coils.htm

RF COILS - PICTURES and DETAILS

# 145. FS: Turner Plus Three Desk Mic

Yahoo group: hamradiohomebrew
Date: 2006-01-04 17:54:16 UTC
From: Brian Carling
Topic: 145  Message: 145

FOR SALE:
Turner Plus Three desk microphone. Good working condition.
Has the coil cord with 4-pin connector like used on Yaesu and
Kenwood
rigs of the 1970s etc. Works well with a variety of ancient and
modern rigs.

Available for $22.00 plus shipping.

Here are some glowing reviews!
http://www.eham.net/reviews/detail/3116

# 146. FS: High Power Zener Diodes

Yahoo group: hamradiohomebrew
Date: 2006-01-06 03:17:28 UTC
From: Brian Carling
Topic: 146  Message: 146

FOR SALE: HIGH POWER ZENER DIODES

These are ALL NEW stud mount diodes.
3.7 Volts at 50 Watts
10 Volts at 50 Watts
12 Volts at 50 Watts
15 Volts at 50 Watts
18 Volts at 50 Watts
22 Volts at 50 Watt
25 Volts at 50 Watts
25 Volts at 100 Watts
39 Volts at 50 Watts
39 Volts at 100 Watts
68 Volts at 100 Watts

I may add a few more in the next few days.
See web site: http://www.af4k.com/diodes.htm

Pricing - 50 Watt zener diodes $3.00 each plus
shipping.
100 Watt zener diodes $5.00 each plus shipping.

73 - Brian, AF4K

# 147. Large inductor and transformer FS

Yahoo group: hamradiohomebrew
Date: 2006-01-07 13:42:04 UTC
From: Ken Simpson, W8EK
Topic: 147  Message: 147

For Sale:

I have found a couple of very heavy duty chokes, as used
in choke input power supplies. These chokes weigh about
8 pounds each, and are designed to be used in low voltage
applications.

One is from a 20 amp power supply. It uses three #14 wires
in the winding, so it is likely good for over 20 amps. It measures
0.1 ohms resistance, but I do not know its inductance value.
It is $18.

Another is from a 30 amp power supply, but its winding only
uses two #14 wires. It measures 0.3 ohms resistance, and
again, I do not know the inductance value. It is $20.

72 Volt center tapped transformer
This is a 36 - 0 - 36 volt transformer that is very heavy
duty. It was removed from a 20 amp power supply, so it
is good for at least that. Primary is 120 V AC. $20

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

# 148. FS: Knobs, Incl. Collins and Hallicrafters

Yahoo group: hamradiohomebrew
Date: 2006-01-07 14:18:35 UTC
From: Brian Carling
Topic: 148  Message: 148

FOR SALE:
Two lots of antique radio knobs...

Knob Collection #1 - Collins etc.
Unsure which models of radios these five knobs go
to.
They are all in good shape and come with the set
screws.
Sizes are: 3", 2-5/8", 2-3/8", 1-7/8" and 1-
1/2" diameter.
Available for $29.00 plus shipping

Knob Collection #2 - Hallicrafters etc.
Looks like some of these three knobs and two dial
skirts
are for SX101 etc.
All in good shape with set screws.
Sizes are all 2-11/16" diameter.
Available for $19.00 plus shipping.

Pictures and details at:
http://www.af4k.com/miscpart.htm

# 149. FS: Johnson Tube Sockets

Yahoo group: hamradiohomebrew
Date: 2006-01-07 14:45:00 UTC
From: Brian Carling
Topic: 149  Message: 149

FOR SALE:

E.F. Johnson 4-pin Tube Sockets
Ceramic and silver type sockets - overall 3.25"
dia.
Made for tubes about the size of 4PR600 etc.
Pin diameters look alike.
Will sell for $8 each, or all SIX for $32.00
plus shipping.

# 150. Type N and other coax connectors FS

Yahoo group: hamradiohomebrew
Date: 2006-01-07 15:50:08 UTC
From: Ken Simpson, W8EK
Topic: 150  Message: 150

For Sale:

Type "N" coax connectors
These are new, still sealed in the packages, Allied
Amphenol model 82-202-1006 type N coax connectors.
They are designed for LMR-400, Belden 8214 and 9913,
and other coax in the 1/2 inch diameter category. These
normally sell for about $9 each. You can have these for
$5 each. I have four available.

UG-578/U, double male, type N connector $ 8

UG-298/U, double female, type N connector $ 8

UG-146/U, Type N male to SO-239 (UHF female) $ 8

UG-2017U, Type N male to BNC female $ 8

UG-349 A/U, Type N female to male BNC $ 8

Type N right angle connector $ 8

Antenna adapter to fit the BNC connector on the HT
and provide an SO-239 connector that will permit
a PL-259 to be attached. $5

Antenna adapter to fit the connector on the TH -
21 / 31 / 41, and adapt it to standard PL-259
antenna connector. $ 3

Antenna adapter as above, but goes to
BNC connector. $ 3

Reducing adapters for PL-259 connectors
UG-175/U for RG-58, 52 ohm coax $ .25 each
UG-176/U for RG-59, 75 ohm coax $ .25 each

Right angle UHF (basically SO-239 on one end,
and PL-259 on the other end) $ 3

UHF double female (equivalent to two SO-239 together) $4
UHF double male (equivalent to two PL-259 together) $ 5

Prices do not include shipping from Florida, which
should be inexpensive via first class mail.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

# 151. FS: Octal Sockets and 11-pin Octal style plugs

Yahoo group: hamradiohomebrew
Date: 2006-01-07 15:55:04 UTC
From: Brian Carling
Topic: 151  Message: 151

FOR SALE:

Octal Sockets and 11-pin Octal style plugs.
11 Pin Octal style Plugs.
These are brand new, and look just like a male
octal connector - cable end.
Same size only with eleven pins. Black plastic
without shell.
QTY 18 available for $4.00 each or buy all for
$60.00 plus shipping.

Octal Tube sockets - Brand new.
These have two mounting ears for attachments with
screws to chassis.
Gray plastic. Very well made and sharp looking.
QTY 24 available for $3.50 each or $3.00 each for
ten or more, plus shipping.

For details see:
http://www.af4k.com/miscpart.htm

# 152. FS: 160m and 40m crystals $4.00 and 5.00 closeouts.

Yahoo group: hamradiohomebrew
Date: 2006-01-10 11:16:44 UTC
From: Brian Carling
Topic: 152  Message: 152

JANUARY SPECIALS:

FT243 Crystals on 1977.5 kHz
QTY 8 available for $5.00 each plus shipping.
Or buy 5 for $20.00 plus shipping

FT243 crystals on 7000 kHz
QTY 8 available for $5.00 each plus shipping.
Or buy 5 for $20.00 plus shipping

FT243 crystals on 7000, 7100, 7200 kHz
QTY 4 each available for $5.00 each plus shipping.

Many other FT243 crystals on popular ham
frequencies available at:
http://www.af4k.com/crystals.htm

# 153. FS: Homebrew PW Modulator

Yahoo group: hamradiohomebrew
Date: 2006-01-11 14:26:54 UTC
From: Brian Carling
Topic: 153  Message: 153

FOR SALE:

Neat little homebrew 15-25W modulator with pair of
push-pull 6AQ5s. Has gain control and RCA input.
No power supply. Excellent job - I did not build it, but whoever
did was an expert. Has 12AX7 preamp etc. All in nice shape.

Available for $35.00 plus shipping

# 154. RE: Homebrew PW Modulator

Yahoo group: hamradiohomebrew
Date: 2006-01-11 16:50:02 UTC
From: Brian Carling
Topic: 153  Message: 154

The homebrew modulator has been sold.

On 11 Jan 2006 at 9:26, Brian Carling wrote:

> FOR SALE:
>
> Neat little homebrew 15-25W modulator with pair of
> push-pull 6AQ5s. Has gain control and RCA input.
> No power supply. Excellent job - I did not build it, but whoever
> did was an expert. Has 12AX7 preamp etc. All in nice shape.
>
> Available for $35.00 plus shipping

# 155. REDUCED: Powercon Vibrator Power Supply

Yahoo group: hamradiohomebrew
Date: 2006-01-13 19:13:41 UTC
From: Brian Carling
Topic: 155  Message: 155

REDUCED:

POWERCON Vibrator Power Supply - Converts 12V DC
to 110V AC.

This is how we did it in the old days before
transistors!
Could probably be easily set up with a bridge
rectifier,
fullwave, doubler or whatever to produce
something useful like 400-700V DC for your
boatanchor projects.

Comes in a heavy duty metal case with handle.
It has output voltage selector
settings for LOW-MED-HIGH-MAX!
It is designed to produce 110V AC from 12V DC
at 300 Watts continuous.

If anyone would enjoy experimenting with
vibrator power supplies this is just
what you would enjoy a lot. May be easily
adapted to providing higher DC voltage for
tube plate supply by using diode doubler circuit.

Available for $8.00 plus shipping

Picture and details at:
http://www.af4k.com/miscpart.htm

# 156. FS: Heath Items

Yahoo group: hamradiohomebrew
Date: 2006-01-16 02:43:24 UTC
From: Brian Carling
Topic: 156  Message: 156

FOR SALE:

Heathkit SP-99 External Speaker - $55.00
Heathkit DX60 Transmitter - $115.00
Heathkit HR10B Receiver - $65.00
Heathkit HG10B VFO - $65.00
Longines Symphonette SW set - $16.00

Shipping additional.

Pictures and details at:
http://www.af4k.com/radios.htm

# 157. REDUCED MORE: Rechargeable batteries

Yahoo group: hamradiohomebrew
Date: 2006-01-19 12:15:17 UTC
From: Brian Carling
Topic: 157  Message: 157

REDUCED:

Several Rechargeable batteries. Great for Field /
QRP ops
and experimenters. These are sealed lead-acid
batteries
and do not require any kind of fancy charging
system.
Great for field day or operating ham gear etc.
These are lightly used but have plenty of life
left in them.

QTY 1 - Ohmeda - 12V at 2.3 AH - $4.00
QTY 2 - UNIPOWER 6 V at 2.8 AH - $3.00 each
QTY 1 - UNIPOWER 12 V at 7.5 AH - $7.00
QTY 4 - Werker - 12 V at 5 AH - $5.00 each

Shipping additional.

# 158. REDUCED: Collins & Hallicrafters knobs etc.

Yahoo group: hamradiohomebrew
Date: 2006-01-21 15:01:41 UTC
From: Brian Carling
Topic: 158  Message: 158

REDUCED PRICES:

Knob Collection #1 - Collins etc.
Unsure which models of radios these five knobs go to.
They are all in good shape and come with the set screws.
Sizes are: 3", 2-5/8", 2-3/8", 1-7/8" and 1-1/2" diameter.
Available for $19.00 plus shipping.

Knob Collection #2 - Hallicrafters etc.
Looks like some of these three knobs and two dial skirts
are for SX101 etc.
All in good shape with set screws. Sizes are: all 2-11/16" diameter.
Available for $12.00 plus shipping.

Pictures at:
http://www.af4k.com/miscpart.htm
(about 1/3 way down the page.)

Thanks for looking! 73 - Brian

# 159. FS: Curtis EK-38 KEYER

Yahoo group: hamradiohomebrew
Date: 2006-01-21 14:36:28 UTC
From: Brian Carling
Topic: 159  Message: 159

FOR SALE:

Curtis EK-38 Keyer - Great for working CW with paddles.
It looks like a good one. Adjustable from 8 to 50 wpm.
Very stylish, wrap-around cabinet. Has controls for
sidetone volume, speed in WPM, tune switch for key-down.
On the rear there are jacks for your paddles, xmtr,
straight key in, and a fuse. Importantly - it also has
a SWITCH for RELAY - TRANSISTOR, so that you can use it
to key TUBE TRANSMITTERS!
Requires 120V AC. Power cord is missing but easily replaced. Sold as-is and untested. May work fine.
Available for $25.00 plus shipping.

Picture and details at:
http://www.af4k.com/miscpart.htm

# 160. FS: Two Straight Keys

Yahoo group: hamradiohomebrew
Date: 2006-01-21 14:27:14 UTC
From: Brian Carling
Topic: 160  Message: 160

FOR SALE: Two Straight Keys.

The first key is a J-37 in excellent shape, all complete and
mounted on a type J-47 base. Available for $35.00 plus shipping.

The second is a generic straight key with shorting bar.
Also in great shape. Available for $25.00 plus shipping.

Pictures and details at:
http://www.af4k.com/miscpart.htm

# 161. FS: Four Microphones

Yahoo group: hamradiohomebrew
Date: 2006-01-27 11:10:52 UTC
From: Brian Carling
Topic: 161  Message: 161

FOR SALE: FOUR RADIO MICROPHONES.

Shure 404B Mobile Microphone.
This microphone is in excellent shape and in
excellent working condition.
Comes with a nice coil cord, and no connector.
Available for $25.00 plus shipping.
http://www.af4k.com/imag/ham/SHURE404B.jpg

YAESU FT-101 Series Microphone.
This original Yaesu hand mic is in very good
working condition. Works with all
FT-101, FT-101B thru F rigs. Has cable and 4-pin
connector in great shape.
Available for $25.00 plus shipping.
http://www.af4k.com/imag/ham/FT101mic.jpg

Motorola Communications Desk Microphone.
Model TU532A-1 is a low impedance mic, designed
for 600 ohms, with PTT bar.
Bottom cover is missing. The cable is in great
shape.
Available for $15.00 plus shipping.
http://www.af4k.com/imag/ham/MotorolaMic.jpg

Turner SR785 Gooseneck microphone, NEW IN THE BOX.
Has PTT bar and cable attached.
This is a rugged, low impedance communications
microphone, 150 ohms.
Designed for crystal clear voice communications by
radio or P.A.
If you know Turner mics, you know that they all
sound great.
Satin-chrome finish with rugged, durable metal
construction that
will give you many years of good performance in
any communications
environment. Comes new in the box with data sheet.
QTY 1 left - New in box for $19.00 plus shipping
http://www.af4k.com/imag/ham/turner_gooseneck.jpg

More pictures and details CLICK HERE...

# 162. FS: Audio Lab Controller

Yahoo group: hamradiohomebrew
Date: 2006-01-28 22:00:25 UTC
From: Brian Carling
Topic: 162  Message: 162

FOR SALE: Audio Lab Controller
Really nice sloping cabinet with a built in audio
distribution set-up and speaker.
Has switching for 12 stations. Can be used as a
multi-station intercom or audio language lab.
Has 12 switches and a multi-conductor cable
terminated
to a 15-pin 'D' connector the same as the old
joystick
connectors used on a lot of computers.
Sold as-is and untested.

Available for $15.00 plus shipping.

Pictiure and details at:
http://www.af4k.com/miscpart.htm

http://www.af4k.com/miscpart.htm

# 163. REDUCED: NIB Amperite Delay Relays $1

Yahoo group: hamradiohomebrew
Date: 2006-01-29 10:33:49 UTC
From: Brian Carling
Topic: 163  Message: 163

REDUCED:
Amperite Time Delay Relays - New In Box.

All are new and in the boxes.
26NO60T (9-pin mini base, 24-28V, 60 sec.)
QTY 3 - $2.00 each or....
BUY ALL THREE FOR $3.00 PLUS SHIPPING!!

115NO2 = 2 seconds, normally open contact.
(octal socket, 115-120V) - 1 left - Available for
$5.00

BUY all 4 of the above relays for $6.00
plus $5 for shipping.

# 164. FS: Jones Micromatch QRP SWR-Wattmeter

Yahoo group: hamradiohomebrew
Date: 2006-02-01 21:36:13 UTC
From: Brian Carling
Topic: 164  Message: 164

FOR SALE:
Jones Micromatch MM563 QRP SWR System.
This is an exceptionally nice VHF/UHF type
reflectometer
in excellent shape.
One of the nicest I have seen. Comes with N type
connectors and BNC adapters.
RANGES: 4 Watts, 12 Watts and SWR. Also has
continuously variable CAL adjustment and FORWARD
range adjustment so that SWR is read accurately
at any power. The coupler is made of solid brass
and
is still shiny and new looking. Has gold letters
raised
up on the name plate.

Available for $45.00 plus shipping.

Picture and details at:
http://www.af4k.com/miscpart.htm

# 165. FS: CW Straight key

Yahoo group: hamradiohomebrew
Date: 2006-02-02 01:38:01 UTC
From: Brian Carling
Topic: 165  Message: 165

For those still looking for a nice straight key, here are two for sale:

The first key is a J-37 in excellent shape, all complete and mounted on a
type
J-47 base. Available for $35.00 plus shipping.
http://www.af4k.com/imag/ham/J37.jpg

The second is a generic straight key with shorting bar.
Also in great shape. Available for $25.00 plus shipping.
http://www.af4k.com/imag/ham/key.jpg

73 & thanks for looking.

Brian, AF4K

# 166. OPPOSE RM-11306

Yahoo group: hamradiohomebrew
Date: 2006-02-05 23:01:42 UTC
From: Brian Carling
Topic: 166  Message: 166

Guys please read this. My greatest concern with the absurd
ARRL Proposal RM-11306 is not just about the AM restrictions
but ALSO about the annoying WINLINK PACTOR robot stations
that are already devastating communications on the CW and
digital sub-bands, being allowed to then spread their trash all
over the phone bands too. I am not against digital on HF.

This is a very important issue and one of ARRL's worst blunders
in our lifetime. Please distribute this note widely:

= = =

I am writing to make sure you know about a Petition the FCC
is considering that would apply restrictions to AM that we
have never faced before. Please take the time to read the
Petition, which can be seen at the link below.

I personally want to ask you to file a formal COMMENT in
opposition to
it. There is an internet-based system the FCC uses to accept
comments,
but it's cumbersome, so I am stepping forward to take your
comments as
an email and file them on your behalf, under your name, callsign
and
callbook address.

This is a very serious matter for our part of the hobby, and a strong
turnout in opposition will influence the FCC's ultimate decision
whether
to allow or reject the Petition. Would you please also reply to this,
to let me know that you will help?

All we need is a reason why you oppose this Petition. I am certain
you
will find several points to comment on. Pick as many as you can
spare
the time to fight against in your response.

After I file it in the FCC database, I will reply to you with the FCC
confirmation number as your record of having participated. All of us
will really appreciate anything you can say.

Here are the links if you wish to file on your own behalf.

To observe comments:

http://gullfoss2.fcc.gov/prod/ecfs/comsrch_v2.cgi

In the proceeding box just type in the RM number your are
interested
in.

'and this link for filing your comments:

http://gullfoss2.fcc.gov/prod/ecfs/upload_v2.cgi

When referring to 11306 you must type it in as RM-11306

If you do not understand the system or feel uncomfortable with the
filing site please fire off your comments to - - - -

stoprm11306@.... .

Include your comments, a paragraph or two and your legal name,
address
with your call as listed in the QRZ Database. I will file your
comments
for you.

In my opinion there is something more important going on that we
all
must take action on. We (the amateur community) have been left
out of
the decisoin making process. Whether we are pro or con on the
proposals
we need to show that we have concerns and this can only be
accomplished
thru numbers of participation.

Considering the time and money we put into our hobby we need to
take
just 5 minutes of our time and send a message to the ARRL and
the FCC.

It is time to take back our hobby and the only way this will happen
is
to show those that are dictating our direction that we are part of the
process and will except nothing less.

Regards,
Gary/W2INR

http://amfone.net/Amforum/index.php

# 167. FS: Beautiful Kenwood Grid Dip Meter

Yahoo group: hamradiohomebrew
Date: 2006-02-05 23:24:05 UTC
From: Brian Carling
Topic: 167  Message: 167

FOR SALE:

KENWOOD DM-81 GRID DIP METER, excellent
Looks brand new. This is one of the best dip
meters I have seen.
Solid state of course, since it is a fairly new
type meter.
The aluminum case slides open to reveal a drawer
holding all of the plug-in coils!
Comes with the original box and manual. Looks like
it has never been used.
Available for $125.00 plus shipping.

Pictures:
http://www.af4k.com/imag/ham/DM-81.jpg
http://www.af4k.com/imag/ham/DM-81_BOX.jpg

KENWOOD GDO

KENWOOD GDO BOX

# 168. Re: [hamradiohomebrew] OPPOSE RM-11306

Yahoo group: hamradiohomebrew
Date: 2006-02-06 17:04:31 UTC
From: Dennis Wade
Topic: 166  Message: 168

And WHY is this on the Homebrew list????

The answer is that it SHOULD NOT BE...regardless of how important,
right or wrong.

AF4K strikes again...:/

On 2/5/06, Brian Carling <bcarling@...> wrote:
> Guys please read this. My greatest concern with the absurd
> ARRL Proposal RM-11306 is not just about the AM restrictions
> but ALSO about the annoying WINLINK PACTOR robot stations
> that are already devastating communications on the CW and
>
--
Dennis L. Wade
KG6ZI
Carmichael, CA

# 169. FS: Capacitor Checker, Sub Box and VHF Wattmeter

Yahoo group: hamradiohomebrew
Date: 2006-02-08 12:25:48 UTC
From: Brian Carling
Topic: 169  Message: 169

FOR SALE: SEMCON RC115 CAPACITANCE / IMPEDANCE METER - very nice. This is a combined Capacitor Analyzer, impedance bridge and transformer analyzer. This is the most comprehensive capacitor analyzer I have ever seen. Checks capacitor value, leakage etc. at up to 600 Volts DC. It is also an impedance meter. Analyzes transformers. Measures POWER FACTOR, etc. etc. Also works as a megger to check insulation resistance. Excellent working condition. For 120V AC 60 Hz operation. Available for $59.00 plus shipping.
CORNELL-DUBILIER CDA-5 Decade Capacitance Box. - excellent
This substitution box is in a beautiful bakelilte case, and it covers 0.0001 uF to 0.0199 uF.
All capacitance setting rated for up to 600V DC. A great addition to any shack or experimenter's lab. Excellent condition.
Available for $20.00 plus shipping. ME-82/U Wattmeter and Dummy Load VHF-UHF, military surplus. Measures power from 50 to 600 MHz. Load is 52 ohms. Meter movement is the same as on Jones Micromatch equipment. Wattmeter scale shows RF power in the range of 0 - 120 Watts. Has Type N connector. Handy carrying handle swings out of the top. Has large heatsink. Excellent working condition. Available for $45.00 plus shipping. Pictures and details at: http://www.af4k.com/testgear.htm

# 170. FS: WATERS CLIPREAMP

Yahoo group: hamradiohomebrew
Date: 2006-02-15 12:05:12 UTC
From: Brian Carling
Topic: 170  Message: 170

FOR SALE:

WATERS CLIPREAMP - microphone line enhancement.
Very good condition with cables. Runs on 9V battery.
The output cable has a PL-068 connector for use with
Drake rigs. This is the 3/8" diameter jack plug with
tip-ring-sleeve. Has PTT pass-through wiring.
Available for $29.00 plus shipping

Picture at:
http://www.af4k.com/miscpart.htm

# 171. Handy SMD prototyping PCBs

Yahoo group: hamradiohomebrew
Date: 2006-02-15 18:35:01 UTC
From: Ian Wilson
Topic: 171  Message: 171

I was looking for prototype boards to mount TSSOP parts and came across this Ebay store: http://www.mexplor.com/

Bought one and it looks pretty good. Price was very good. Although the vendor didn't recommend this, I was able to scribe the board and snap it to make smaller chunks (scribing both sides was necessary to get a clean break).

No connection with the seller, just a satisfied customer.

--ian K3IMW

# 172. FS: Silver QQRO plate tank coil

Yahoo group: hamradiohomebrew
Date: 2006-02-17 01:44:09 UTC
From: Brian Carling
Topic: 172  Message: 172

FOR SALE:

6 Band QRO COIL - 2 to 4 KW final tank inductor.
Silver plated copper tubing.
3" diameter X 10" long. Extra Heavy Duty for
the most demanding RF final.
Has 19 turns. Approximately 11.0 uH PLUS an end-on
coil with 5.5 more turns 2.5" diameter.
Total inductance = 12.5 uH. Mounted on heavy
lucite support bracket
with 4 mounting holes. The tubing is 1/4" and
3/16" diameter tubing.
Has 5 taps for six of the ham bands when using
a 250 pF variable.
With a 550 pF plate capacitor it can go down
to 160m.
Available for $39.00 plus shipping.

Picture and details at:
http://www.af4k.com/coils.htm

Heavy Duty Tank Coil

# 173. FS: Heathkit HD-15 Patch

Yahoo group: hamradiohomebrew
Date: 2006-02-18 13:09:59 UTC
From: Brian Carling
Topic: 173  Message: 173

FOR SALE: Heath HD-15 Phone Patch - top notch.

This is the patch that has the VU meter on
the left and 3 knobs that match the SB series
radios. Looks great with HW series too. HI or
LO Z audio output to transmitter. It can be
used as an interface to your computer for
digital modes like PSK31, MT63, RTTY etc.

This unit is in excellent condition. Comes
with schematic.
Available for $20.00 plus shipping.

Picture and details at:
http://www.af4k.com/miscpart.htm

# 174. Re: [hamradiohomebrew] FS: Heathkit HD-15 Patch

Yahoo group: hamradiohomebrew
Date: 2006-02-18 13:31:49 UTC
From: Walt Breining
Topic: 173  Message: 174

Kudo de Brian Carling.

On two occasions I have purchased items from Brian Carling. The items arrived promptly. they were well packaged, and better than advertised. I am very pleased.
I recommend Brian, and I am a tough customer.

Vy 73, Walt N9WB

# 175. REDUCED: OIL-FILLED CAPACITORS

Yahoo group: hamradiohomebrew
Date: 2006-02-20 18:25:36 UTC
From: Brian Carling
Topic: 175  Message: 175

REDUCED: OIL-FILLED CAPACITORS - High Voltage types.

These are used, tested capacitors. No shorts, no leakage.

6 uF at 2000V DC Sangamo QTY 1 - $6.00
10 uF at 1500V DC Sangamo QTY 1 - $6.00
12 uF at 1000V DC Cornel Dubilier QTY 1 - 8.00
30 uF at 1000V DC No name QTY 1 - $8.00

Take all four of the above caps for $16.00 plus $8.00 USA Shipping

http://www.af4k.com/capacitors.htm

# 176. FS: Microphones

Yahoo group: hamradiohomebrew
Date: 2006-02-20 19:06:21 UTC
From: Brian Carling
Topic: 176  Message: 176

FOR SALE:

Kenwood Hand Microphone.
This microphone is in excellent shape and
in excellent working condition.
Comes with a nice coil cord, and the standard
4-pin connector required for older Kenwood
radios. Has 500 ohms impedance.
Available for $15.00 plus shipping.

YAESU FT-101 Series Hand Microphone.
This original Yaesu hand mic is in very good
working condition. Works with all FT-101,
FT-101B thru F rigs. Has cable and 4-pin connector
in great shape. No badge but otherwise in great
shape.
Available for $25.00 plus shipping.

Turner SR785 Gooseneck microphone, NEW IN BOX.
Has PTT bar and cable attached. This is a rugged,
low impedance communications microphone, 150 ohms.
Designed for crystal clear voice communications
by radio or P.A. If you know Turner mics,
you know that they all sound great. Satin-chrome
finish with rugged, durable metal construction
that will give you many years of good performance
in any communications environment.
Comes new in the box with data sheet.
QTY 1 left - New in box for $19.00 plus shipping

Shure 404B Mobile Microphone.
This microphone is in excellent shape and
in excellent working condition.
Comes with a nice coil cord, and no connector.
Available for $25.00 plus shipping.

# 177. FS: Yaesu Memorizer 2m XCVR

Yahoo group: hamradiohomebrew
Date: 2006-02-20 19:10:51 UTC
From: Brian Carling
Topic: 177  Message: 177

FOR SALE:

YAESU MEMORIZER CPU-2500R 2m FM Transceiver
Covers 144 - 148 MHz FM. Has 25 Watts, switchable to 3 Watts low power setting.
Digital readout, and fully tunable to the whole two meter band.
Requires 12 to 13.8V DC. Dimensions: 180mm X 72mm X 270 mm.
Sold as-is and untested, but appears to be complete and in good condition.
YM-2500 Microphone available. See below.
Will sell transceiver alone for $25.00 plus shipping.
Add microphone for $10 if bought with radio.

Picture and details at:
http://www.af4k.com/radios.htm

# 178. ON TOPIC!!! Project update

Yahoo group: hamradiohomebrew
Date: 2006-02-21 14:27:38 UTC
From: wa6mhz_1
Topic: 178  Message: 178

I have been too busy building to write much, and here is the progress. The current item is a 1296 transverter, which the guts have been completed and it ALMOST works!!! I used several of the Qualcomm modules and pieces from the San Diego Microwave Group plus some Ebay parts and appropriated small parts from work, and here it is. I don't have a pic of it all yet, but will take some and get them on the group. Getting on 1296 is quite complicated, unless you are very wealthy, in which case you plunk down the Thousands of dollars and buy a new Icom IC-910H or Kenwood TS-2000 with the added 23cm modules and presto, you are on the air. Being quite impoverished, I had to scrounge up the parts. First was the Qualcomm synthesizer from SDMG that put out a nice signal on 1152 Mhz after extensive mods. Next was a SRA-11 mixer which takes the 2 meter signal and adds it to the 1152 to get 1296. Putting in a 144 Mhz carrier showed a pip on the Spectrum Analyzer at 1296!!! Hooray, we have signal!!! But it is a long ways to go! I built an Interdigital Filter that worked fine but had high loss. So I made up the loss with more amplifiers. I found some ham selling a blown 1296 power amp, which I had to bid quite high to get. But I would not be let down, as all it had wrong was some miswires and cracked chip caps!! I had much more to put in the power amp case, so a new box was obtained and a 100mw to 1W driver, plus a Bi-directional amp were installed inside. There was a LNA on Ebay I got for $25 and it did indeed work fine. Finally, I had to design and build an attenuator and relay sequencer so the 2 meter signal could safely get in and out of the transverter.
Last night, I took the mess over to the SDMG and plugged it in. We listened as the 1296 signal from a sig gen on the bench came in loud and clear. And on transmit, it did indeed show the signal, but it is way down in amplitude, only 21dBm compared to the 6W it is supposed to be. Some suspect that the driver I got was blown. I now need to find a case to mount it all in, but this is big!!! It will take a full size rack cabinet to house all these assemblies. This is one of the most tedious and painstaking homebrew projects ever! And it ALMOST works! !! More later, hope others will detail their projects as this group has been pretty much dormant lately except a bunch of FOR SALE ads. Lets hear about the progress on your projects!!!

# 179. feb21//619pm-pst_[hamradiohomebrew] Building blocks

Yahoo group: hamradiohomebrew
Date: 2006-02-22 02:20:57 UTC
From: DAVIDe PARKER
Topic: 178  Message: 179

Hello to the group
if any one interested IN
MAKE an OFFER EBAY SALE
project enclosure
20x20x10 inches boxed--(19 inch rack)
look at listing please--
weight 20 lbs on ups digital scale(boxed)
thanks to the owner
and thanks to the membership
DE^ dave kd7uvh
port orchard wa 98366
**********

--- wa6mhz_1 <wa6mhz_1@...> wrote:

> I have been too busy building to write much, and
> here is the progress.
> The current item is a 1296 transverter, which the
> guts have been
> completed and it ALMOST works!!! I used several of
> the Qualcomm
> modules and pieces from the San Diego Microwave
> Group plus some Ebay
> parts and appropriated small parts from work, and
> here it is. I don't
> have a pic of it all yet, but will take some and get
> them on the
> group. Getting on 1296 is quite complicated, unless
> you are very
> wealthy, in which case you plunk down the Thousands
> of dollars and buy
> a new Icom IC-910H or Kenwood TS-2000 with the added
> 23cm modules and
> presto, you are on the air. Being quite
> impoverished, I had to
> scrounge up the parts. First was the Qualcomm
> synthesizer from SDMG
> that put out a nice signal on 1152 Mhz after
> extensive mods. Next was
> a SRA-11 mixer which takes the 2 meter signal and
> adds it to the 1152
> to get 1296. Putting in a 144 Mhz carrier showed a
> pip on the
> Spectrum Analyzer at 1296!!! Hooray, we have
> signal!!! But it is a

> long ways to go! I built an Interdigital Filter that
> worked fine but
> had high loss. So I made up the loss with more
> amplifiers. I found
> some ham selling a blown 1296 power amp, which I had
> to bid quite high
> to get. But I would not be let down, as all it had
> wrong was some
> miswires and cracked chip caps!! I had much more to
> put in the power
> amp case, so a new box was obtained and a 100mw to
> 1W driver, plus a
> Bi-directional amp were installed inside. There was
> a LNA on Ebay I
> got for $25 and it did indeed work fine. Finally, I
> had to design and
> build an attenuator and relay sequencer so the 2
> meter signal could
> safely get in and out of the transverter.
> Last night, I took the mess over to the SDMG and
> plugged it in. We
> listened as the 1296 signal from a sig gen on the
> bench came in loud
> and clear. And on transmit, it did indeed show the
> signal, but it is
> way down in amplitude, only 21dBm compared to the 6W
> it is supposed to
> be. Some suspect that the driver I got was blown.
> I now need to find
> a case to mount it all in, but this is big!!! It
> will take a full size
> rack cabinet to house all these assemblies. This is
> one of the most
> tedious and painstaking homebrew projects ever! And
> it ALMOST works!
> !! More later, hope others will detail their
> projects as this group
> has been pretty much dormant lately except a bunch
> of FOR SALE ads.
> Lets hear about the progress on your projects!!!
>
>
>
>
>

KD7UVH 3/11/2003
general class
Dave Parker
7580 E. Vanburen St.

Port Orchard WA 98366

---

Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

# 180. Re: ON TOPIC!!! Project update

Yahoo group: hamradiohomebrew
Date: 2006-02-24 00:49:24 UTC
From: Ian Wilson
Topic: 178  Message: 180

Also busy on various (too many?) projects.

Restoring a GO-9 transmitter. Since I don't have a handy 2kV power supply I am (at long last) putting together something for powering such rigs. I'm trying a voltage doubler from a 700V transformer. That's delivering about 1830V with 80k bleeder as load. I still need to add the choke/output capacitor chain. I have made new dials for a pair of nice 5x4" panel meters for voltage & current. My one and only 10V 11A transformer will complete the PSU. It looks terrible but maybe a nice front panel w/meters will fix this :).

Building a hybrid beacon. This uses a PIC + LMX2306 PLL with tube 'final' (I did say it was a hybrid). Been an interesting learning experience, not quite on the air yet.

Reworked power supply for ARC-5 TXs. Is outputting about 600V @ 160mA, not too bad.

73, ian K3IMW/6

# 181. Re: Project update

Yahoo group: hamradiohomebrew
Date: 2006-02-24 22:32:49 UTC
From: Michael Yancey
Topic: 178  Message: 181

What are you using for a PIC programmer?

I'm trying to decide on either the EPIC or spending a bit more $$
for the 'official' MicroChip PicStart kit...

I built an 'El Cheapo' (yes, that's the name!) from a PC board
which is supplied with the book "Programming and Customizing PICmicro®
Microcontrollers". It burns PICs ... occasionally ...
i.e. not reliably enough. My criteria are reliability and
the widest 'models' of MicroChip Pics as possible.

A lot of the projects in the ARRL Handbooks, QEX, QST and all
over the Internet now use PICS and it'd be nice to be able to
try them. I like VERY much the idea of a 'modern' PIC working
alongside some high-power tubes.

Best Regards,

Mike Yancey
KE5EMA
Dallas, Texas

--- In hamradiohomebrew@yahoogroups.com, "Ian Wilson" <woooey@...> wrote:
>
> Also busy on various (too many?) projects.
....(snipped)...
> Building a hybrid beacon. This uses a PIC + LMX2306 PLL with
> tube 'final' (I did say it was a hybrid). Been an interesting
> learning experience, not quite on the air yet.
>
> Reworked power supply for ARC-5 TXs. Is outputting about 600V @
> 160mA, not too bad.
>
> 73, ian K3IMW/6

# 182. Coax connectors and adapters FS

Yahoo group: hamradiohomebrew
Date: 2006-02-25 17:42:07 UTC
From: Ken Simpson, W8EK
Topic: 182  Message: 182

Coax connectors and adapters For Sale:
Prices are per connector. Several of each are available.
-
PL-259 male UHF connectors $1
.......used, but good $.75
-
Reducing adapters for PL-259 connectors
UG-175/U for RG-58, 52 ohm coax $.25
UG-176/U for RG-59, 75 ohm coax $.25
-
UHF double female (two SO-239 together) $4
-
UHF double male (two PL-259 together) $5
-
"T" connector with two female (SO-239) and one male
(PL-259) connection - $8
-
Chassis mount SO-239 connectors $1
-
UHF female (SO-239) to type "F" Male (as used on cable TV) $6
-
Antenna adapter to fit the BNC connector on the HT
and provide an SO-239 connector that will permit
a PL-259 to be attached. (BNC male to UHF female) $5
-
UHF Male (PL-259) to BNC female (opposite of above) $5
-
Chassis mount BNC female - $4
-
BNC "T" - two female and one male - $6
-
Type "F" (cable TV) female to BNC male - $6
-
-
Prices do not include shipping from Florida, which
should be inexpensive via first class mail.
-
Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

# 183. Re: Project update

Yahoo group: hamradiohomebrew
Date: 2006-02-27 04:10:09 UTC
From: Ian Wilson
Topic: 178  Message: 183

I use a Warp-13. I've had it for over 5 years, and it's done well,
with one firmware upgrade that I found on Ebay(!).

Don't think it's supported any more. These days I suppose I'd look for
a cheap USB equivalent.

I also built El Cheapo but it lived up to its name :).

Please let us know what you wind up with.

73, ian K3IMW

# 184. FS: High Voltage Caps $2 and up

Yahoo group: hamradiohomebrew
Date: 2006-03-03 04:12:39 UTC
From: Brian Carling
Topic: 184  Message: 184

HIGH VOLTAGE CAPACITORS FOR RF AMPLIFIERS etc.

Sangamo silver mica 0.001 uF at 2500V DC.
Large quantity of these brand new capacitors
Use for RF finals and linear amplifiers
I have plenty of these available at $4.00 each.
Buy 10 or more for $3.00 each. Shipping
additional.

NEW MALLORY AND RCA 10% TOL. CERAMIC CAPACITORS AS
FOLLOWS:
QTY 6 - 15 pF at 3000V DC
QTY 5 - 15 pF at 6000V DC
QTY 2 - 22 pF at 3000V DC
QTY 1 - 22 pF at 6000V DC
QTY 3 - 27 pF at 3000V DC
QTY 6 - 33 pF at 3000V DC
QTY 2 - 33 pF at 5000V DC
QTY 3 - 33 pF at 6000V DC
QTY 5 - 39 pF at 3000V DC
QTY 7 - 47 pF at 6000V DC
QTY 10 - 56 pF at 6000V DC
QTY 1 - 68 pF at 6000V DC
QTY 2 - 82 pF at 5000V DC
QTY 6 - 82 pF at 6000V DC
QTY 6 - 100 pF at 5000V DC
QTY 10 - 100 pF at 6000V DC
QTY 9 - 130 pF at 6000V DC
QTY 4 - 150 pF at 5000V DC
QTY 14 - 150 pF at 6000V DC
QTY 2 - 180 pF at 6000V DC
QTY 10 - 200 pF at 5000V DC
QTY 3 - 270 pF at 3000V DC
QTY 3 - 330 pF at 6000V DC
QTY 3 - 390 pF at 3000V DC
QTY 1 - 560 pF at 3000V DC
QTY 1 - 560 pF at 6000V DC
QTY 6 - 750 pF at 3000V DC
QTY 5 - 750 pF at 6000V DC
QTY 2 - 820 pF at 3000V DC

The above caps are all brand new and are $3.00
each.
For quantity of ten or more they are $2.50 each.
For 20 or more pay $2.00 each. Shipping
additional.

E-mail me to arrange purchase.

http://www.af4k.com/capacitors.htm

73 - Brian, AF4K

# 185. FS: Terminal Boards for Homebrewing

Yahoo group: hamradiohomebrew
Date: 2006-03-06 03:33:48 UTC
From: Brian Carling
Topic: 185  Message: 185

FOR SALE:
Terminal Boards for Homebrewing

FIVE-way turret type terminal strips - great for homebrewing.
Has two mounting holes and 5 turrets for mounting parts.
2.6" long. Multiple wires may be soldered directly to each turret.
These are top quality, new stock bakelite strips, great
for building classic homebrew tube radio or audio equipment etc. Large quantity available.
Selling for $1.25 each or buy 10 or more for $1.00 each. Shipping additional.
http://www.af4k.com/imag/ham/5way.jpg
5-way Terminal Strips

24-way fiberglass terminal boards with turrets
Great for homebrew audio and RF etc. For mounting tube type components
such as resistors and capacitors for a neat and tidy construction.
As shown below. Dimensions - 3-7/8" X 2-1/8"
Two rows of 12 turrets. Has 8 mounting holes.
QTY 8 Available for $3.00 each plus shipping
http://www.af4k.com/imag/ham/boards06.jpg
24 pin Terminal Strips

SIX-way terminal strips - great for homebrewing.
Has center mounting tab for ground connection.
2.6" long.
Wires may be soldered directly to the tabs or to the holes on the side.
These are top quality, new stock bakelite tag strips, ideal for
constructing homebrew tube radio and audio equipment, experiments etc.

Large quantity available. Some other sizes may be available also. Inquire.
Selling for $1.25 each or buy 10 or more for $1.00 each.
Full details at: http://www.af4k.com/boards.htm
Shipping additional.
http://www.af4k.com/imag/ham/6way.jpg

6-position Tag Strips

Full details at: http://www.af4k.com/boards.htm

# 186. FS: Audio transformers 600 ohm to 600 ohm

Yahoo group: hamradiohomebrew
Date: 2006-03-10 13:11:58 UTC
From: Brian Carling
Topic: 186  Message: 186

For sale:

Audio Transformers - 600 ohms to 600 ohms

For these 600 ohm to 600 ohm transformers -
I have two types. They are both black
and potted as shown in the pictures.
The larger ones are rated 1 watt from 250 to 6000
Hz response.
The smaller ones are rated 0.5 watt and 300 - 3500
Hz response.

Dimensions are 1.5" X 1.5" X 1" for the larger
ones.
Dimensions are 1.125" X 1.825" X 0.75" for the
smaller ones.
I have several of each available.

The smaller ones are available for $15.00
The larger ones are available for $12.00
Shipping additional.

Pictures and details at:
http://www.af4k.com/xfmrs.htm

73 de AF4K

# 187. REDUCED: 800 uF at 450V DC caps...

Yahoo group: hamradiohomebrew
Date: 2006-03-10 13:14:49 UTC
From: Brian Carling
Topic: 187  Message: 187

REDUCED:

QTY 10 of 800 uF at 450V DC Electrolytic Capacitors.
First quality Sangamo Type DCM - Made in USA, with
screw terminals.
Ten of these will get you 80 UF at 4500 V DC for that
BIG RF linear amplifier...
These are not the cheapie photoflash Asian caps.
They measure 3" diameter by 4.5" tall.

Will sell the complete set for $50.00 plus shipping.

Picture and details at:

http://www.af4k.com/capacitors.htm

# 188. 1296 Transverter continues

Yahoo group: hamradiohomebrew
Date: 2006-03-13 14:43:32 UTC
From: wa6mhz_1
Topic: 188  Message: 188

I took the pieces to the Palomar ARC last meeting and gave a talk on Homebrewing. Also shown was a 1950s 2M AM transmitter someone else built I got on Ebay, my 1980 DVM with Digital thermometer that reads out to .01 Degree, my station accessory unit that has a DVM/ thermometer/SWR Bridge, my 10 Ghz FM Handytalkie, and a few more toys I forgot about. I was still short a box to put the transverter in, and it was difficult to work with as it was in 3 pieces with lots of cabling between them. There is the RF Sense unit with attenuator so the driving radio doesn't blow the transverter, the Synthesizer/Mixer unit and the LNA/Power Amp unit. Mike Lebo N6IEF offered to make a box for it just for the price of the metal. I said, "SURE! THANKS!!" and in a short time it was made. 17x12x6 with no bends so I can take off each panel and drill it as required. I already have the front panel drilled and loaded, with 1 power switch and 12 LEDs. TWELVE?? I like lots of pretty lights. We have +12V,+5V,+8V,+18V,+24V,+5R,+5T, +12T, TX and a few spares in case I come up with more reasons for lights. It ALMOST works too. But I still can't get the power amplifier to work right. According to the Spectrum Analyzer, it does have gain,just not much. Same with the driver. Gain, but not much. I am supposed to get 6W out of the system, but all I get is 20dBm, or somewhere between 1/16 and 1/8 watt!!!! That is QRP!!!! And this unit is the size of a very large transciever!!! Alot of real estate for a miserable 1/8W!!!! So I won't be working much DX with this. I need some technical help getting this PA working, though I am officially an RF Tech by trade, this one is a tough one. But it recieves nicely so I can send stations I hear in the June VHF contest SWL reports. I have a 20 element Tonna antenna, so if I don't loose that 1/8W in the feedline loss, I might be able to make some local contacts. Think I got burnt on this Ebay Power amp!! But I reused the box it came in for the RF Sense unit. Lot of money to pay for a box!! It is really a pretty unit, and I haven't even painted it yet. Think I will use a light beige/yellow panel and letter it with the Brother labelmaker I have. Then I will coat it with a clear coat. I would like to paint the outer case black wrinkle finish, but that would be difficult with all the screws. I need a color I can touch up the screws with. Maybe grey. Would that look good? Beige and grey? Or I could use the Heathkit color scheme and rename it the Heathkit HW-1296. That would be trick, but I don't have white lettering for the labelmaker, only black. Black on a light backround is easier to read, but its not like I need to really read anything anyway. I just turn on the power switch and I am on the air. I Have a Yaesu FT-817 read to drive the transverter but am just testing it with a Kenwood 2M HT. OK, More later. 73,
Pat WA6MHZ
Curator

Crest Radio Museum
a Division of
RAT RANCH ELECTRONICS

## 189. mini-dx-60

Yahoo group: hamradiohomebrew
Date: 2006-03-15 01:26:56 UTC
From: kiyoinc
Topic: 189  Message: 189

Here's a page on my mini-dx-60 project.

www.kiyoinc.com/dx60.htm

It's a pint-size version of a DX-60 with a real transmitter in it.

I'll upload some other pictures later.

de ah6gi/4

# 190. REDUCED: High Voltage Capacitors

Yahoo group: hamradiohomebrew
Date: 2006-03-20 11:37:58 UTC
From: Brian Carling
Topic: 190  Message: 190

REDUCED: High Voltage Capacitors

$1.00 each and up, for NEW MALLORY AND RCA 10%
Tol. DISC CERAMIC CAPACITORS AS FOLLOWS:
(most are in the package, others are loose)

QTY 6 - 15 pF at 3000V DC
QTY 5 - 15 pF at 6000V DC
QTY 2 - 22 pF at 3000V DC
QTY 1 - 22 pF at 6000V DC
QTY 3 - 27 pF at 3000V DC
QTY 6 - 33 pF at 3000V DC
QTY 2 - 33 pF at 5000V DC
QTY 3 - 33 pF at 6000V DC
QTY 5 - 39 pF at 3000V DC
QTY 7 - 47 pF at 6000V DC
QTY 10 - 56 pF at 6000V DC
QTY 1 - 68 pF at 6000V DC
QTY 2 - 82 pF at 5000V DC
QTY 6 - 82 pF at 6000V DC
QTY 6 - 100 pF at 5000V DC
QTY 10 - 100 pF at 6000V DC
QTY 9 - 130 pF at 6000V DC
QTY 4 - 150 pF at 5000V DC
QTY 14 - 150 pF at 6000V DC
QTY 2 - 180 pF at 6000V DC
QTY 10 - 200 pF at 5000V DC
QTY 3 - 270 pF at 3000V DC
QTY 3 - 330 pF at 6000V DC
QTY 3 - 390 pF at 3000V DC
QTY 1 - 560 pF at 3000V DC
QTY 1 - 560 pF at 6000V DC
QTY 4 - 750 pF at 3000V DC
QTY 8 - 1000 pF at 1000V DC

NOW REDUCED:
The above caps are all brand new and are $1.25
each.
For quantity of 20 or more they are $1.00 each.
Shipping additional.

# 191. FS: Three BCB coils

Yahoo group: hamradiohomebrew
Date: 2006-03-22 12:37:39 UTC
From: Brian Carling
Topic: 191  Message: 191

FOR SALE:

THREE Atwater-Kent AM Broadcast Band coils.
All in excellent shape.

Available for $10.00 plus shipping.

E-mail me to arrange purchase.

Brian, AF4K

# 192. BC611

Yahoo group: hamradiohomebrew
Date: 2006-03-25 12:55:16 UTC
From: Brian Carling
Topic: 192  Message: 192

This is amazing. I had no idea just how much enthusiasm was out there for the old BC611 radios!!

http://bc611.wildlandradios.com/

# 193. FS: BC611 Walkie Talkie CRYSTALS

Yahoo group: hamradiohomebrew
Date: 2006-03-25 15:14:15 UTC
From: Brian Carling
Topic: 193  Message: 193

FS: BC611 Transmit & Receive Crystals for the 80m
amateur band. See list at:

http://www.af4k.com/BC611_crystals.htm

Available on a limited number of frequencies while they
last - $9.00 each plus shipping.

73 de AF4K, Brian

# 194. ON TOPIC: Transverter tricker yet!!!!!

Yahoo group: hamradiohomebrew
Date: 2006-03-26 02:13:56 UTC
From: wa6mhz_1
Topic: 194  Message: 194

I have been working furiously on this, all day today (Saturday) at my work where I have a key and can come in and use all the facility to build what I want. Kind of a PERK of the job! Have access to a nice Spectrum Anaylzer, etc. that I wouldn't have at home. So the 1296 transverter was coming along nicely when it hit me! WHAT DO I DO WITH ALL THIS SPACE LEFT???!!!! Yes, the cabinet, a very large affair, had plenty of unused space inside. Meanwhile, another project I have been working on was a 10GHZ transverter, and I just got the crystal in for my brick ($38!!! WOW!!!!) and it worked great, putting out a nice signal on 10224 Mhz. With the addition of a mixer, LNA and Power amp (Lousy 1/4 watt at 10Ghz) I hooked it all up and it worked great!!! Now, WHY NOT just put BOTH Transverters in the same box? I built a switchbox to switch the power and another coax relay to switch around the 144 Mhz signal, and IT WORKS!!!! Just with the throw of a switch, I can choose 1296 or 10 Ghz!! But now it is Really crowded inside!! No wasted space now!!! This is the most spectacular homebrew project of all time (atleast for me!), surpassing the HF Remote I built back in 1980 or so to win the Homebrew contest back then. The only thing is that the 10 Ghz signal is output to an SMA, so I need some kind of coax to waveguide transition to get it to the dish feed. But this cabinet is a MONSTER and not what you can easily carry around. It is roughly the size and weight of an old Shortwave reciever such as a Hallicrafters S-40, but maybe a little heavier. SO, great progress is being made still. Don't know how much use this will get, but maybe I ought to put it on Ebay! a dual band transverter ought to go for a couple thousand!!! But then, this is a one of a kind, only one in the world unit! Sure looks great, wait till I paint it!!!

# 195. FS: Ten I.F. Transformers

Yahoo group: hamradiohomebrew
Date: 2006-03-29 11:17:55 UTC
From: Brian Carling
Topic: 195  Message: 195

FOR SALE:
New I.F. TRANSFORMERS.
Here is a group of TEN new, mostly 455 kHz I.F.
transformers.
They are mostly about 2.5" tall X 3/4" square. One
is shorter.
Some are marked as being for 455 kHz i.f. Others
look similar.
Will sell the whole batch for $20.00 plus
shipping.

Picture and details at:
http://www.af4k.com/miscpart.htm

# 196. APRIL-MAY Ham Crystals

Yahoo group: hamradiohomebrew
Date: 2006-04-01 10:50:45 UTC
From: Brian Carling
Topic: 196  Message: 196

APRIL-MAY 2006 Crystal Specials while they last:

HC6U Crystals in 3742.7 kHz
QTY 100 available for $3.00 each plus shipping.
Buy 4 or more for $2.00 each.

FT243 Crystals on 7140 kHz
QTY 24 available for $6.00 each plus shipping.
Buy 4 or more for $5.00 each.

FT243 Crystals on 1977.5 kHz
QTY 12 available for $6.00 each plus shipping.
Buy 4 or more for $5.00 each.

FT243 crystals on 7000 kHz
QTY 20 available for $6.00 each plus shipping.
Buy 4 or more for $5.00 each.

FT243 crystals on 7200, 7300 kHz
QTY 8 available for $6.00 each plus shipping.
Buy 4 or more for $5.00 each.

Other crystals available for the ham bands at
additional cost. see:
http://www.af4k.com/crystals.htm

# 197. Heath HD-1410 keyer for parts, other Heath parts and manuals FS

Yahoo group: hamradiohomebrew
Date: 2006-04-01 13:24:05 UTC
From: Ken Simpson, W8EK
Topic: 197  Message: 197

For Sale:

Heath HD-1410 keyer

This unit is a parts unit. It does not work. It appears to
key continuously when it is powered up. Solid sidetone.
All of the electronic parts are there, but the front panel
and the cabinet are missing. It has been years since I
tried to repair it, and I can not find the cabinet parts. The
ICs are socketed, so it could be an easy repair, but it is
being sold as a parts unit. $10.

Other Heath parts For Sale:

Heath Knobs for SB line
These are the medium size knobs used on most all of the
SB line (1 1/8 inch skirt). These are in very good shape.
Three available for $4 each.

Cover for Heath Wattmeter
This is the inverted "U" cover that fits the Heath HM-102 and
HM-2102 wattmeters, and maybe other units. It is in good
shape. $12

Mu Metal shield for 3 inch CRT
From the SB-614, but the same one is used for the SB-610,
and other units. It should fit most 3 inch CRTs. $10

I still have some parts from an SB-614 monitor scope,
including focus controls, position controls, etc. I do NOT
have the power transformer or high voltage caps.
Please let me know what you might need.

ORIGINAL Heath manuals. These are the manuals
only. They are all originals, and not copies, and all
are in very, very nice condition.

Heath IP-2728 Regulated Power Supply
1 to 15 volt regulated power supply - 1976
Schematic included. $12

Heath HW-2021 Assembly manual - 1975
For 2 meter hand held transceiver
No check marks in book. $10

Heath HN-31 "Cantenna" Dummy Load
No check marks in book. $8

Heath HN-31 A "Cantenna" Dummy Load
This is the "A" model dated 1982
No check marks in book. $10

GD-600 Photoelectric Light Switch
Very nice condition. Schematic is
part of book. $6

These are original manuals only.

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

# 198. SUCCESS!!!!!!

Yahoo group: hamradiohomebrew
Date: 2006-04-01 18:00:42 UTC
From: wa6mhz_1
Topic: 198  Message: 198

IT WORKS!!!!! Well, not as much output as I would like on 1296, but it still works indeed. Lot of fires in the process though. It seems the relays kept blowing the 24 supply until I installed enough protection diodes and transorbs. Finally I can key it up and it will not blow up. Went through alot of LM2577T regulators in the process though. ALmost felt like sledgehammering the whole works at a few points. But this is now the worlds first and ONLY dual band transverter and it is ready for prime time. Only get 24-25 dBM out on each band, not much for a box the size of a Hallicrafters S-40!!! But with a good antenna and low loss feedline, it should be possible to work people. Now it is ready to label and paint, if I decide to do so. The bare aluminum looks attractive as it is, and I would probably spray it with a protective coating just to keep it from oxidizing and keeping the letters from peeling off. Phew!!! 7 months to the ARC of El Cajon homebrew contest and I already have an entry that no one in the world can beat! Well, atleast no one in the club!!
73, WA6MHZ

# 199. FS: Heathkit 336 H. V. Probe / DECADE CAP BOX

Yahoo group: hamradiohomebrew
Date: 2006-04-02 12:44:10 UTC
From: Brian Carling
Topic: 199  Message: 199

FOR SALE:

Heathkit 336 High Voltage Probe.
Excellent condition with cables.
QTY 1 Available for $9.00 plus shipping.

Picture and details at:
http://www.af4k.com/testgear.htm

ALSO:

CORNELL-DUBILIER CDA-5 Decade Capacitance Box.
This substitution box is in a beautiful bakelilte
case, and it covers 0.0001 uF to 0.0199 uF.
All capacitance setting rated for up to 600V DC.
A great addition to any shack or
experimenter's lab. Excellent condition.
Available for $15.00 plus shipping.

Picture and details at:
http://www.af4k.com/testgear.htm

# 200. Re: Special FCC Announcement

Yahoo group: hamradiohomebrew
Date: 2006-04-02 13:19:16 UTC
From: Brian Carling
Topic: 200  Message: 200

WOW BRUCE, thank you so much....
for a minute there I thought I had woken up and everything was
right with the world again! Heavenly...

On 1 Apr 2006 at 12:09, Bruce Sugarberg wrote:

> International Press, Washington, DC.
>
>
> Today, in an unprecedented move, the Federal Communications Commission
> issued an emergency reinstatement of Morse code requirements for all amateur
> and commercial radio licenses. In addition, the amateur radio license
> structure has been reverted to 1985 standards. All codeless amateur and
> commercial licenses have been placed on a "conditional 30 day temporary
> permit" and all such license holders will have to pass an appropriate Morse
> code test by May 1, 2006 or face permanent revocation of their licenses.
>
>
> All American registered commercial vessels are now required to have a
> crewman onboard that can copy Morse code at 13 WPM or they will be denied
> port clearance. A temporary provision has been made in the FCC regulations
> that will allow amateur radio operators that completed FCC administered
> Morse code tests prior to the implementation of the VEC program to meet this
> requirement. This generated such a demand for licensed amateur radio
> operators that the pay scale quickly escalated to $1000 per day for such
> services. In a bidding war, many major shipping companies have provided
> generous expense accounts, luxury accommodations on vessels, sponsorship of
> DX-peditions and immediate long term pension benefits.
>
>
> In a related issue, this action has caused a significant shortage of Morse
> code keys, and surplus military J-38 keys that sold for a dollar each after
> WW II are now fetching upwards of $300 each on ebay, regardless of
> condition.

FORWARDED from Tempe Bopatanchors List:
http://listserv.tempe.gov/archives/BOATANCHORS.html

# 201. Re: SUCCESS!!!!!!

Yahoo group: hamradiohomebrew
Date: 2006-04-05 22:33:13 UTC
From: Ian Wilson
Topic: 198  Message: 201

Congratulations, Pat! Hope you have some stations you can work from home easily, it doesn't sound like a portable rig <g>.

73, ian K3IMW

# 202. PICS ARE HERE!!!!!!

Yahoo group: hamradiohomebrew
Date: 2006-04-07 15:28:23 UTC
From: wa6mhz_1
Topic: 202  Message: 202

The pics of the 1.3/10G Transverter are now posted in the Photos section! Enjoy!!

# 203. Telescoping replacement antennas FS

Yahoo group: hamradiohomebrew
Date: 2006-04-08 13:11:32 UTC
From: Ken Simpson, W8EK
Topic: 203  Message: 203

For Sale:

I found three replacement telescoping antennas, still in
their original packages from years ago. The specs on
the package state they extend to 45 3/8 inches and are
23/64 inches in diameter at the base section. There are
9 sections, plus a large assortment of hardware that looks
like it should be able to mount in almost any circumstances.
They are Lykes "Universal Telescoping Antenna" model
UTA-1, and have never been opened. $ 7 each plus
shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

# 204. FS: Shure 404B Hand Mic

Yahoo group: hamradiohomebrew
Date: 2006-04-09 17:55:27 UTC
From: Brian Carling
Topic: 204  Message: 204

FOR SALE:
Shure 404B Mobile Microphone
This microphone is in excellent shape and in excellent
working condition.
Comes with a nice coil cord, and no connector.
Available for $25.00 plus shipping.

See picture and details at:
http://www.af4k.com/mics.htm

73 de AF4K, Brian

# 205. This group is moderated, so NO SPAMMERS Please!

Yahoo group: hamradiohomebrew
Date: 2006-04-13 14:48:55 UTC
From: wa6mhz_1
Topic: 205  Message: 205

Several other groups I have joined are flooded with Pornbots who incessantly load the group with disgusting messages and come-ons. I keep a close eye on this group and any that show up here will be immediately deleted and banished. We want to read about HOMEBREWING, not porn! Another group I love dearly is the Hallicrafters group, which has been overrun by these miserable slime. The owner of the group has abandoned it and nothing can be done to wipe out the spam. But here, I monitor the forum daily, if not hourly, to make sure that does not occur here. If we start getting a rash of these vermin, I will have to change the membership joining process to individual approval, to make sure the group remains chaste. By the way, some think the "for Sale" ads are spam too. I will allow those as long as they don't get out of hand, as Hams love to trade amongst other Hams, and I see nothing wrong with that, infact it is very helpful at times. But no sollicitation to Porn sites, dating services, Religous zealots, Getrichquick scams, and other non-Ham related garbage!
Now, BACK TO HOMEBREWING!!!!
73
PAT WA6MHZ

# 206. Re: [hamradiohomebrew] This group is moderated, so NO SPAMMERS Please!

Yahoo group: hamradiohomebrew
Date: 2006-04-13 18:40:08 UTC
From: Brian Carling
Topic: 205  Message: 206

> We want to read about HOMEBREWING,
> not porn!

Yes, we want o read about homebrewing, not messages about messages about porn.
Why are you adding to the problem?

Do you REALLY think that any spammer will read or care about what you wrote? You are just adding to the noise level. OK I just did that too, but can we all not just get back to talking about homebrewing radios here?

# 207. FS: Terminal Boards

Yahoo group: hamradiohomebrew
Date: 2006-04-15 13:10:03 UTC
From: Brian Carling
Topic: 207  Message: 207

FOR SALE:

FIVE-way turret type terminal strips - great for homebrewing.
Has two mounting holes and 5 turrets for mounting parts.2.6" long.
Multiple wires may be soldered directly to each turret. These are
top quality, new stock bakelite strips, great for building
classic homebrew tube radio or audio equipment etc.
Selling for $1.25 each or 10 for $1.00 each.

SIX-way bakelite terminal strips.Has center mounting tab
for ground 2.6" long. These rae the traditional tag strips.
Selling for $1.25each or 10 or more $1.00 each.

Pictures and details:

http://www.af4k.com/boards.htm

# 208. FS: Shure Microphone

Yahoo group: hamradiohomebrew
Date: 2006-04-17 13:58:33 UTC
From: Brian Carling
Topic: 208  Message: 208

FOR SALE:
Shure 404B Mobile Microphone
This microphone is in excellent shape and in excellent
working condition.
Comes with a nice coil cord, and no connector.
Available for $25.00 plus shipping.

See picture and details at:
http://www.af4k.com/mics.htm

73 de AF4K, Brian

# 209. FS: Cool Ham Parts

Yahoo group: hamradiohomebrew
Date: 2006-04-18 10:24:14 UTC
From: Brian Carling
Topic: 209  Message: 209

FOR SALE:

RF Final PI-Tank Coil for bandswitching 100-200
watt TRANSMITTER - Complete tank coil with taps
for
HF 80m - 6m ham bands. Excellent condition with
standoffs.
Available for $18.00 plus shipping.

Two High Voltage Capacitors.
QTY 2 of 40 pF at 15 KV Doorknob capacitors.
Type 857 NPO.
Available for $12.00 for the pair.

Two HORN Speakers. One has a very large
magnet(1). Two different types but both about
the same size. 3" X 7" approx.
Will sell for $6.00 each plus shipping.

Two unusual Radio Crystals.
JK Crystals 7048 kHz in a large type H43 case.
Pins are spaced 3/4" - $10.00
A.E.Miller 608.4375 kHz in a most unusual case.
Banana pins spaced 3/4" - $5.00

0.000050 MFD at 5000 Volt Mica Capacitor.
Sangamo Type 625 capacitor good for
RF high-current applications.
QTY 1 Available for $6.00 plus shipping.

Set of SHOCK MOUNTS - Brand new.
Brand new from Barry Electronics. Great for
mounting
radio equipment etc.
Dimensions: 2.5" square. These have four
mounting holes for attachment to chassis.
Set of 4 available for $22.00 total, plus
shipping.

Communications Headset with boom mic.
This is a very nice old headset with cloth cord
and
adjustable boom microphone.
Available for $15.00 plus shipping.

TU-51 Tuning Unit for BC610 Transmitter.
QTY 1 available in very good condition.

Has the original knobs. There are no
modifications.
Has crystal socket, and also covers 5.0 to 6.35
MHz
Very good condition. QTY 1 for $35.00 plus
shipping.

Language Lab Audio Console $11.00 plus shipping.

Pictures and details at:
http://www.af4k.com/miscpart.htm

# 210. FS: REDUCED PARTS and ACCESSORIES

Yahoo group: hamradiohomebrew
Date: 2006-04-26 20:50:10 UTC
From: Brian Carling
Topic: 210  Message: 210

FOR SALE: REDUCED PARTS and ACCESSORIES plus
SOME ADDED PARTS and ACCESSORIES:

750 Watt Isolation Transformer - 120V AC
Industrial construction with ON-OFF switch,
two 3-pin outlets. Excellent condition.
Dimensions: 14" X 8" X 8" tall. Needs AC cord
(supplied)installed
Available for $32.00 plus shipping.

RADIO SHACK DX100 TABLETOP SW RECEIVER $45.00

EIMAC 4-400 Tube Duct-bases. These attach to
the base socket of a 4-400A tube etc. for
proper forced air cooling. Made by EIMAC USA.
Part number 4-400A-4000. Dimensions: 5-1/2" X 4-
1/8"
REDUCED TO $15 for the pair!

CORNELL-DUBILIER CDA-5 Decade Capacitance Box.
Excellent condition...
REDUCED - now $12.00 plus shipping.

Crystal Microphone Element - new old stock - $8.00

YAESU FT101E style hand microphone - wrong
connector
- now $15.00

Shure 404B Mobile Microphone - now down to $19.00

SuperStar CB mic - excellent - $5.00

Lafayette Electronics FERRITE BAR ANTENNAS -
N.O.S. -
still in package with sample circuit.
QTY 2 available for $12.00 plus shipping.

Realistic speaker switching box - let's you
connect
your stereo, computer or other sound systems to
multiple speakers. Will connect the left and
right
channel of stereo amplifier to THREE different
sets of
stereo speakers.
Available for $5.00 plus shipping.

Two 7" X 3" P.A. HORN Speakers. High power
handling.
Now reduced to $5.00 each.

LOW PASS(?) FILTER GADGET. What is it? Coils and
50 pF caps inside.
Has a very nice case with a nice hammertone gray
finish.
It looks like some kind of a low pass filter
or possibly a 6 meter or 10 meter bandpass
filter. Has two SO-239 connectors for use with
COAX transmission line.
Available for $5.00 each plus shipping.

MF Crystal: A.E.Miller 608.4375 kHz in a
beautiful,
unusual, shiny antique case. Banana pins spaced
3/4"
Available for $5.00

(510 pF) 5 KILOVOLT Mica TRANSMITTING Capacitor.
Sangamo Type 625 capacitor Dimensions: 3" X
1-1/4" X 1-3/4" tall. Has two mounting lugs.
QTY 1 Available for $4.00 plus shipping.

300 OHM Clip-on Connectors. These are the ones
you use to connect 300 ohm twinlead to antenna
terminals, or to quickly conect any cable to
a dual screw-terminal type connection.
QTY 5 available for $3.00 each plus shipping.

Set of SHOCK MOUNTS - Brand new.
Brand new from Barry Electronics. Great for
mounting
radio equipment etc.
Dimensions: 2.5" square. These have four mounting
holes for attachment
to chassis. Very well made and built to last.
Set of 4 available for $22.00 plus shipping.

Old Headset with boom mic.
This is a very nice old headset with cloth cord
and adjustable boom microphone. All in good shape.
Available for $15.00 plus shipping.

TU-51 Tuning Unit for BC610 Transmitter - now
$29.00

Language Lab Communications Console - professional
style
intercom with added features. Reduced to $9.00

Pye Radio Company CTCSS Decoder - REDUCED To $4.00

Radio Shack 12V DC power supply. Operates on 120V
AC
to power 12v equipment. Rated for 2.5A continuous
duty.
REDUCED NOW TO $9.00 plus shipping

PICTURES AND DETAILS on the web at:

http://www.af4k.com/miscpart.htm
http://www.af4k.com/coils.htm
http://www.af4k.com/testgear.htm
http://www.af4k.com/mics.htm

Shipping additional.

E-mail me to arrange purchase.

Regards - Brian, AF4K

# 211. FS: FT241 CRYSTALS

Yahoo group: hamradiohomebrew
Date: 2006-04-27 10:44:09 UTC
From: Brian Carling
Topic: 211  Message: 211

FT241 CRYSTALS FOR SALE:

These are the LF crystals in the 300 - 500 kHz range.

I got more of these than I needed... so:
Will sell 25 for $10.00 untested - some will work, and
it's possible that some will not.

CHANNELS - 14, 19, 60, 68, 317, 320
For example, Channel 68 = 496.3 kc.

There used to be the N4JVP calculator online but
I can't get it to work now. It was at:
http://www.subdevo.com:82/FT241/FT241.aspx

Picture and details at:
http://www.af4k.com/FT241_crystals.htm

73 to all - Brian, AF4K

# 213. FS: ANTIQUE RADIO PARTS

Yahoo group: hamradiohomebrew
Date: 2006-05-03 12:01:08 UTC
From: Brian Carling
Topic: 213  Message: 213

FOR SALE:

For pictures and more details see:
http://www.af4k.com/miscpart.htm

4CX300A Power Tetrode Tube.
QTY 1 Available for $9.00 plus shipping.

TUBE PLATE CAP.
Made for a plate cap that is 1/2" diameter. Overall dimensions
are 1-5/16" diameter X 1-5/16" tall.
QTY 1 available for $8.00 plus shipping.

ANTIQUE RADIO TERMINALS. Spring loaded type.
Four for $5.00 plus shipping.

Antique Resistor 11.65 K-ohms on bakelite board. $2.00

Group of 5 large heatsinks. These are $2.00 each.

ANTIQUE KNIFE SWITCHES - Large and small.
from $3.00 to $12.00 each

Two HORN Speakers. Very good working condition.
Now reduced to only $4.00 each plus shipping.

AIRACO 3715 kHz crystals - never seen any quite like these!
Beautiful white ceramic and chrome construction.
QTY 4 Available for $8.00 each

300 OHM Clip-on Connectors, NEW. $3.00 each.

Set of SHOCK MOUNTS - Brand new. Barry Electronics.
Set of 4 available for $22.00 total, plus shipping.

Old Headset with boom mic.
This is a very nice old headset with cloth cord and adjustable
boom microphone.
All in good shape. Available for $15.00 plus shipping.

AC Power Switch with Circuit Breaker
Rated 7.5 amps at up to 250V AC. DPDT configuration.
QTY 2 available for $2.00 each plus shipping

For pictures and more details see:
http://www.af4k.com/miscpart.htm

# 214. Light duty Homebrew projects

Yahoo group: hamradiohomebrew
Date: 2006-05-04 13:54:53 UTC
From: wa6mhz_1
Topic: 214  Message: 214

I won an Icom V8 at the Visalia DX Convention, a nice 5W 2M HT, but already have dozens of other HTs so I really didn't need it. Since it was brand new, I traded it in at HRO for a Heil Traveler dual headset. Since I work special events for ARES sometimes, a good headset is much better than those rinkydink earbud thingys, so this was ideal. But Heil, being pricey, makes adapters for each kind of radio, so you can use the headset with each rig. I chose the Kenwood HT series, as that will fit my F6A and TH-D7A HTs. But I wanted to use it with my Icom IC-706 and Yaesu FT-817!! Heil gets $20 or more for each adapter!!!! Yes, Bob is making ALOT of money!!! They conveniently didn't include any a schematics of the Headset, so I had to reverse engineer it. Once I discovered the scheme, I drew out how each adapter would be made. At our local junk store, I picked up a couple of 8 Pin inline sockets and an old LAN cable with the RJ45s on it. The whole bill was about $15. And after a few minutes with a soldering iron, I had the 2 adapters I so needed. So I saved about $25 by the magic of HOMEBREW! !! I need to somehow draw out the reverse engineered schematic and put it in a PDF file so others can do the same. Bob is rich enough!

# 215. Re: [hamradiohomebrew] Light duty Homebrew projects

Yahoo group: hamradiohomebrew
Date: 2006-05-04 14:22:10 UTC
From: Brian Carling
Topic: 214  Message: 215

LOL - it's great what you can do with "the magic of homebrew!"

> I won an Icom V8 at the Visalia DX Convention, a nice 5W 2M HT, but
> already have dozens of other HTs so I really didn't need it. Since it
> was brand new, I traded it in at HRO for a Heil Traveler dual headset.
> Since I work special events for ARES sometimes, a good headset is much
> better than those rinkydink earbud thingys, so this was ideal. But
> Heil, being pricey, makes adapters for each kind of radio, so you can
> use the headset with each rig. I chose the Kenwood HT series, as that
> will fit my F6A and TH-D7A HTs. But I wanted to use it with my Icom
> IC-706 and Yaesu FT-817!! Heil gets $20 or more for each adapter!!!!
> Yes, Bob is making ALOT of money!!! They conveniently didn't include
> any a schematics of the Headset, so I had to reverse engineer it.
> Once I discovered the scheme, I drew out how each adapter would be
> made. At our local junk store, I picked up a couple of 8 Pin inline
> sockets and an old LAN cable with the RJ45s on it. The whole bill was
> about $15. And after a few minutes with a soldering iron, I had the 2
> adapters I so needed. So I saved about $25 by the magic of HOMEBREW!
> !! I need to somehow draw out the reverse engineered schematic and
> put it in a PDF file so others can do the same. Bob is rich enough!
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> Yahoo! Groups Links
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# 216. FS: METERS - CHEAP!

Yahoo group: hamradiohomebrew
Date: 2006-05-13 13:30:02 UTC
From: Brian Carling
Topic: 216  Message: 216

FOR SALE:
A bunch of nice panel meters, now reduced to $2 and $3.00
each max. These meters and gauges were going for up to
$9 and $12, but now I need the space, so I am clearing
them out for cheap!

Have a look at the pictures and details here:

http://www.af4k.com/meters.htm

73 - Brian, AF4K

# 217. FS: Bathtub Capacitors....

Yahoo group: hamradiohomebrew
Date: 2006-05-13 15:10:08 UTC
From: Brian Carling
Topic: 217  Message: 217

FOR SALE:

Here is a large cigarbox full of
bathtub capacitors. Most are new, old stock
caps. Typical values include 1, 2 and 5 uF
at 600V dc. There are also a bunch of metal
case, wire leadcaps here, all new. There must
be at least 30-40 caps here.

Available for $5.00 plus shipping.

# 218. FS: Box of N CONNECTORS and ADAPTERS

Yahoo group: hamradiohomebrew
Date: 2006-05-13 15:23:19 UTC
From: Brian Carling
Topic: 218  Message: 218

FOR SALE:
Large BOX OF TYPE N Connectors.
Here is a large box of N Connectors. There must be
many dozens of them in there. Some are new and
some are used. There are T adapters, right angle
adapters, reducers, and a variety of other
connectors and adapters. Many are in the
clear plastic bags. You sort them out. Buy the
whole box and you will have
a plentiful supply for VHF and UHF activities
for years.
Available for $25.00 plus $8.50 shipping.

# 219. FS: Several BA Radios - KNIGHT, PYE, MIDLAND etc.

Yahoo group: hamradiohomebrew
Date: 2006-05-13 15:35:30 UTC
From: Brian Carling
Topic: 219  Message: 219

FOR SALE:

KNIGHT 50 watt transmitters - need minor work - $95.00 each
(manual included)

KENWOOD PS-510 power supply for TS510 xcvr - $125.00
(A robust power supply for any 800V tube rig)

PYE Cambridge VHF AM transceiver with mic $75.00

REALISTIC DX100 shortwave tabletop radio $35.00

PIANO KEY RADIO - Nice shortwave tabletop set. $15.00

BC610 Tuning Unit - $29.00

MIDLAND 13-867 mobile CB radio - $7.00

Pictures and details at:
http://www.af4k.com/radios.htm

http://www.af4k.com/radios.htm

# 220. Tubes and sockets FS

Yahoo group: hamradiohomebrew
Date: 2006-05-13 16:57:52 UTC
From: Ken Simpson, W8EK
Topic: 220  Message: 220

Tubes and sockets For Sale:

Note: All are NOS (New, but Old Stock),
unless listed otherwise.

Transmitting Tubes
2E26 - several available - $5 each
6360 - several available - $7 each
811 A - very good, used - US - $15
811 A - good used - China - $12

Rectifier tubes:
1B3 - $ 2
5U4 - $10
5V4 - $ 8
5Y3 - $ 9
866 Jr. - $18

Loctal tubes:
Several of each available.
7C7 - $ 5 each
7F7 - $ 8 each
7N7 - $ 9 each
7Q7 - $ 5 each

Amperite Ballast tubes: $8 each
Several of each available.
1H46
3 - 16
3 - 38

Regulator tubes: $5 each
Several of each available.
0 A 2
0 B 2
0 Z 4

Ceramic tube sockets

Some have the Millen "M" on them, some are
National, and some other brands.

Ceramic Octal Sockets
These are NOS, and have mounting ears with a
captive 6-32 nut in the ear for mounting. There
are also 4 ground lugs around the perimeter - $6 each
Similar to above, but slightly used - $4 each

Used, without mounting ears - $3 each

Ceramic 4 pin sockets
There are the size for 866 tubes, etc.
NOS, with mounting ears - $6 each
Used, with mounting ears - $4 each

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

# 221. FS: NEW Reduction Drives

Yahoo group: hamradiohomebrew
Date: 2006-05-16 00:59:01 UTC
From: Brian Carling
Topic: 221  Message: 221

FOR SALE -

Brand new dial drives for 1/4" shaft. Extra nice brass construction.
These appear to be Jackson Brothers units with a 5:1 or 6:1 tuning
ration.
Two hole mounting for front panel is on 1-1/4" centers.
The brass shaft is 1" long and overall dimensions are:
1-1/2" across the mounting ears. Drive body is 1" diameter.
Accomodates any normal 1/4" shaft on tuning device.
I have several of these available.
Will sell for $13.00 each plus shipping.

PICTURE AND DETAILS AT:
http://www.af4k.com/miscpart.htm

# 222. FS: NEW Crystal Filters for 1650 kHz

Yahoo group: hamradiohomebrew
Date: 2006-05-15 12:06:26 UTC
From: Brian Carling
Topic: 222  Message: 222

FOR SALE:

Quantity 22 NEW Crystal Filters.

QTY 22 NEW Crystal Filters. 1650 kHz center
frequency.
These are brand new and in great shape.
Simple connection with IN, OUT and SHIELD.
Labelled as NETCOM Center Frequency 1650 kHz MDL.
1435

Will sell for $5.00 each or all 22 for $50.00 plus
shipping.

Picture and details at:
http://www.af4k.com/miscpart.htm

# 223. FS: Homebrew Parts

Yahoo group: hamradiohomebrew
Date: 2006-05-17 03:17:53 UTC
From: Brian Carling
Topic: 223  Message: 223

FOR SALE:

500W Commercial tube xmtr power supply - $150
DURANT Turns Counter - $4.00
RCA Power MOSFET TRANSISTORS 3SK3026 - 5 for
$12.00
OIL-FILLED Capacitors 25 uF at 600V - $8 for all.
3 Way STEREO SPEAKER SWITCH BOX - $4.00
EIMAC 4CX300A Power Tetrode Tube - now $5.00
Large finned TUBE PLATE CAP - now $5.00
ANTIQUE RADIO TERMINALS - spring-loaded - 4 for
$5.00
LARGE 3715 kHz crystals, New In Box - $8.00 each.
11 Pin Octal style Plugs - $4.00 each
Antique Headset with boom microphone - $15.00
Language Lab Communications Control Center - $9.00
Pye Radio Company CTCSS Decoder - now $4.00
EIMAC 4-400 Tube Duct-bases - pair for $15.00
2N3641 Power Transistor NPN - $2.00 each.
2N1489 Power Transistor NPN - $2.00 each.
2N1724 Power Transistor - $4.00 each.
AC Power Switch with 7.5A Circuit Breaker - $2.00
each
600 ohm to 600 ohm transformers - I have two
types.
Larger ones rated 1 watt from 250 to 6000 Hz -
$15.00 each.
Smaller ones rated 0.5 watt, 300 - 3500 Hz -
$12.00 each.

For pictures, details & other items see:
http://www.af4k.com/miscpart.htm

# 224. FS: NEW Rackmount Chassis

Yahoo group: hamradiohomebrew
Date: 2006-05-20 17:19:27 UTC
From: Brian Carling
Topic: 224  Message: 224

FOR SALE:

Homebrewer's 19" Rack-mount Chassis, Brand New...

This is a top quality 17" X 11" X 3" aluminum box chassis
and includes the bottom cover plate. All parts of it are
brand new and in excellent shape.

It comes with the mounting hardware brackets already
attached for mounting it with four screws to a set of
standard 19" rack brackets.

The chassis ALSO comes with a used set of side brackets
for mounting it in a standard 19" rack. These brackets are
6" high but will accomodate this chassis and one other
rack mount item just fine. They are painted black and are
in excellent, used condition. Great for any homebrew project!

Available for $24.00 plus shipping.

# 225. FS: POWER SUPPLY FOR KENWOOD TS511s

Yahoo group: hamradiohomebrew
Date: 2006-05-22 10:08:19 UTC
From: Brian Carling
Topic: 225  Message: 225

Hello TRIO fans... I have FOR SALE:

500 Watt Kenwood PS-510 AC Power Supply. - very
nice condx.

This husky 120V AC supply matches the Trio-Kenwood
TS511S
HF Transceiver. As featured on Page 5 of QST for
September 1972. Has built-in speaker.
Great condition - Very sharp looking. This supply
puts
out 800V DC at 625 mA P.E.P. along with all of the
filament, bias and other lower voltages needed.
This is a pretty hard piece to find nowadays.
Complete, untested and sold as-is, but will
guarantee
the transformer is OK. Great for other rigs or
even for homebrew projects. Excellent condition.

Available for $150.00 plus shipping

Picture and details at:
http://www,af4k.com/radios.htm

# 226. Crystal sockets for HC-6 U crystals FS

Yahoo group: hamradiohomebrew
Date: 2006-05-24 12:11:30 UTC
From: Ken Simpson, W8EK
Topic: 226  Message: 226

Crystal sockets for HC-6 U crystals For Sale:
-
Ceramic crystal sockets for a single HC-6 U crystal.
Single #4 mounting screw. Six available. $1 each
-
Phenolic strip for mounting eight HC-6 U crystals on
a single strip. $ 4
-
Prices do not include shipping from Florida, which
would be inexpensive via first class mail.
-
Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

# 227. FS: Some New Crystal Frequencies

Yahoo group: hamradiohomebrew
Date: 2006-05-24 10:28:09 UTC
From: Brian Carling
Topic: 227  Message: 227

FOR SALE:
Added new frequencies now available in FT243 crystals for the
ham bands:

1915, 1920, 1925, 1940, 1950, 1955, 1977.5 kHz

3505, 3510, 3515, 3520, 3700, 3702 kHz
3703, 3705, 3721, 3790 kHz
3800, 3805, 3810, 3825, 3830, 3837, 3840 kHz

7006.67, 7025, 7047, 7060, 7100, 7110, 7106.667, 7125 kHz
7140, 7159 kHz

14020, 14058 kHz

Many, many more from 1 - 148 Mc. at:
http://www.af4k.com/crystals.htm

# 228. FS: VERNIER REDUCTION DRIVES

Yahoo group: hamradiohomebrew
Date: 2006-06-01 13:53:26 UTC
From: Brian Carling
Topic: 228  Message: 228

FOR SALE:

REDUCTION DRIVES by JACKSON BROTHERS.
Brand new dial drives for 1/4" shaft. Extra nice
brass construction.
These appear to be Jackson Brothers units with a
5:1 or 6:1 tuning ratio.
These are the same as used in the Heathkit HW-101,
some Swan models and
other rigs.
Two hole mounting for front panel is on 1-1/4"
centers.
The brass shaft is 1" long and overall dimensions
are:
1-1/2" across the mounting ears. Drive body is 1"
diameter.
Accomodates any normal 1/4" shaft on tuning
device.
Several are available for $13.00 each plus
shipping.

Picture and details at:
http://www.af4k.com/miscpart.htm

# 229. FS: NEW CRYSTAL FILTERS 1650 kHz

Yahoo group: hamradiohomebrew
Date: 2006-06-01 13:41:29 UTC
From: Brian Carling
Topic: 229  Message: 229

FOR SALE:

NEW SSB Crystal Filters. 1650 kHz center
frequency.
I have no technical data on these.
They are brand new and in great shape. Simple
connection with IN, OUT and
SHIELD. Labelled as NETCOM Center Frequency 1650
kHz MDL. 1435.
Will sell for $5.00 each or 5 for $20.00 plus
shipping.

Picture and details at:
http://www.af4k.com/miscpart.htm

# 230. parts pages updated

Yahoo group: hamradiohomebrew
Date: 2006-06-02 17:26:32 UTC
From: Roy J. Tellason
Topic: 67  Message: 230

I've updated my parts pages again, and this time pretty near all of the
datasheets are online as well. They can be found at:

http://www.classiccmp.org/rtellason/parts-index.html

Hopefully some of you folks might find this useful...

--
Member of the toughest, meanest, deadliest, most unrelenting -- and
ablest -- form of life in this section of space, a critter that can
be killed but can't be tamed. --Robert A. Heinlein, "The Puppet Masters"
-
Information is more dangerous than cannon to a society ruled by lies. --James
M Dakin

# 231. Re: parts pages updated

Yahoo group: hamradiohomebrew
Date: 2006-06-02 20:53:49 UTC
From: wa6mhz_1
Topic: 67  Message: 231

Thanks, Roy!!!
That page is great!!! I added it to our LINKS section as it will be
referred to often!!! You are doing a great service to the Homebrew
world by having such a fine site! Thanks again!!!
Pat-
-- In hamradiohomebrew@yahoogroups.com, "Roy J. Tellason" <rtellason@
...> wrote:
>
> I've updated my parts pages again, and this time pretty near all of
the
> datasheets are online as well. They can be found at:
>
> http://www.classiccmp.org/rtellason/parts-index.html
>
> Hopefully some of you folks might find this useful...
>
> --
> Member of the toughest, meanest, deadliest, most unrelenting -- and
> ablest -- form of life in this section of space, a critter that can
> be killed but can't be tamed. --Robert A. Heinlein, "The Puppet
Masters"
> -
> Information is more dangerous than cannon to a society ruled by
lies. --James
> M Dakin
>

# 232. FT-241 measurements: a correction

Yahoo group: hamradiohomebrew
Date: 2006-06-07 21:18:48 UTC
From: Brian Carling
Topic: 232  Message: 232

I still have a bunch more of the FT241 crystals available
that are excess to my needs...
If anyone would like some, I will supply you all you can use
for $1.00 each!

> I made a mistake when measuring the parameters of FT-241 crystals (reported
> here a number of weeks ago).
>
> Corrected results for crystals of two different frequencies:
>
> 389.123kHz:
> - delta-f with 10pF series C = 0.149kHz
> - computed Cm, Lm = 7.66E-15F, 21.85H
> - measured Rs, approx = 10k
> - computed Q, approx = 5300
>
> 500kHz:
> - delta-f with 10pF series C = 0.132kHz
> - computed Cm, Lm = 5.28E-15F, 19.19H
> - measured Rs, approx = 8k
> - computed Q, approx = 7500
>
> Simulating a simple 1-crystal filter (phase-splitter transformer,
> 'neutralizing' capacitor, 15k load) with the 500kHz values shows a 135Hz 3dB
> bandwidth and a 4kHz 30dB bandwidth. So far, I don't have a good design for
> a ladder filter using these parameters.
>
> YMMV: I have only measured two specimens, and given the typical age of these
> crystals one can expect large variations.
>
> 73, ian K3IMW
>
>
>
>
>
> ************ The Glowbugs E-mail List Website is: ***************
> *********** http://www.mines.uidaho.edu/~glowbugs/ **************
> *** Send subscribe and unsubscribe requests to this address: ****
> ************** majordomo@... **************
>

# 233. FS: A Batch of 9 cool old CR1A Ham Crystals

Yahoo group: hamradiohomebrew
Date: 2006-06-09 23:43:14 UTC
From: Brian Carling
Topic: 233  Message: 233

FOR SALE: NINE ham band CR1A etc. crystals

Time to dust off those WW2 rigs and put them on the air.
Or homebrew something. I may even have a socket for these.

These are CR1A crystals with 1/2" [pin spacing, and pin diameter
is slightly larger than an FT243. I may even have a socket
or an adapter for these.

Frequencies:
7017.6, 7038.9, 7270.0, 7270.0, 7280.0, 10125.0 kHz
10141.7, 10208.3 kHz, 24.833 MHz

So, a kind of random mix of 40m and 30m and 12 meter
rocks. Fun for homebrewing.

One has the pins slightly squeezed in but it still works fine...
All are CR1A rocks (8) except for the 7038.9 crystal which
is in a DC35 holder from :Silver Cut Crystal Co." and has
one slightly munged pin. Kind of a mongrel group, so
the price is low, he he...

The first $18.00 plus $6.00 shipping takes them home.
E-mail me if you would like them. 73 - Brian, AF4K

# 234. Tubes and sockets FS

Yahoo group: hamradiohomebrew
Date: 2006-06-10 13:29:57 UTC
From: Ken Simpson, W8EK
Topic: 220  Message: 234

Tubes and sockets For Sale:

Note: All tubes are NOS (New, but Old Stock),
unless listed otherwise.

Transmitting Tubes
2E26 - several available - $5 each
6360 - several available - $7 each
811 A - very good, used - US - $15
811 A - good used - China - $12

Rectifier tubes:
1B3 - $ 2
5U4 - $10
5V4 - $ 8
5Y3 - $ 9
866 Jr. - $18

Loctal tubes:
Several of each available.
7C7 - $ 5 each
7F7 - $ 8 each
7N7 - $ 9 each
7Q7 - $ 5 each

Amperite Ballast tubes: $8 each
Several of each available.
1H46
3 - 16
3 - 38
3 - 38 A

Regulator tubes: $5 each
Several of each available.
0 A 2
0 B 2
0 Z 4

Ceramic tube sockets for sale:

Ceramic Octal Sockets
These are NOS, and have mounting ears with a
captive 6-32 nut in the ear for mounting. There
are also 4 ground lugs around the perimeter - $6 each
Similar to above, but slightly used - $4 each
Used, without mounting ears - $3 each

Ceramic 5 pin socket - used - $3

Ceramic 7 pin socket, for tubes such as 6AU6, etc. - used - $1 each

Crystal sockets for HC-6 U crystals For Sale:

Ceramic crystal sockets for a single HC-6 U crystal.
Single #4 mounting screw. Six NOS available. $1 each

Phenolic strip for mounting eight HC-6 U crystals on
a single strip. $ 4

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

# 235. FS: FT243 CRYSTALS - new ham frequencies

Yahoo group: hamradiohomebrew
Date: 2006-06-11 11:06:18 UTC
From: Brian Carling
Topic: 235  Message: 235

FOR SALE: FT243 CRYSTALS on the Ham Bands...

Many new frequencies now available.

10 Meter 29 MHz AM PACK - in JUNE, QTY 4 FT243
Crystals
4X multipliers for 29.0 - 29.01 - 29.02 - 29.04
MHz
for $30.00

FREE in JUNE - HC6U Crystal on 3742.7 kHz with any
crystal purchase. Must request.

1815, 1822, 1850, 1900, 1950, 1955, 1970, 1977.5
kHz
3505, 3510, 3515, 3520, 3530, 3535, 3540, 3546
kHz
3800, 3805, 3825, 3830, 3875, 3880, 3885, 3983 kHz
7000, 7006.667, 7025, 7047, 7058, 7060, 7100,
7106.667 kHz
7110, 7123, 7125, 7140, 7146, 7150, 7175, 7159,
7200 kHz
8025, 8400 kHz
10106, 10108, 10112, 10120, 10125, 14020, 14057
kHz
Many others available, see list at AF4K.COM

Available for $11.00 each plus shipping.
Please e-mail me to arrange purchase.
73 - Brian, AF4K

# 236. FS: Lacing Cord etc.

Yahoo group: hamradiohomebrew
Date: 2006-06-11 11:48:17 UTC
From: Brian Carling
Topic: 236  Message: 236

For Sale: Homebrew items...

Waxed Lacing Cord - for wiring, cables etc. in electronic
equipment. 250 yard spool for $12.50

10 ohm, 300 Watt NON-INDUCTIVE resistors
QTY 10 available for $10.00 each plus shipping

6.3V at 8.3 AMPS filament transformer.
120V AC primary. New. QTY 4 available $19.00 ea.

BNC cables, BNC to BNC 3 feet, $7.00 each.

Rubber antennas for 430 to 470 MHz and
900 to 930 MHz with BNC or SMA fitting.
Available for $5.00 each plus shipping.

MOTOROLA PLUG extension cable. As used on
AUTOMOBILE RADIO, 6 feet.
Available for $6.50 each plus shipping.

See more at:
http://www.af4k.com/miscpart.htm

73 - Brian, AF4K

# 237. For Sale: TUBE RF FINAL PARTS

Yahoo group: hamradiohomebrew
Date: 2006-06-11 12:00:57 UTC
From: Brian Carling
Topic: 237  Message: 237

For Sale: TUBE RF FINAL PARTS

Pair of EIMAC 4-125A Tubes with ceramic sockets
and plate caps.

Rated for maximum plate voltage of 3000V at
200 mA each. Great for a homebrew 600-800 Watt
class linear amplifier. These are good,
used RF power tubes that look like they have
very low hours. The paint is still red.
Will sell the pair for $50.00 plus shipping.

RFC plate choke - special pile-wound choke,
great for the ham bands, and just right for
these tubes, although it wlll handle up to
1 amp plate current. Available for $22.00

TRIAD 120V filament transformer for these two
tubes - first quality. $20.00

Barker & Williamson FC15 filament choke for these
tubes $20.00

See PICTURE and more details at:
http://www.af4k.com/miscpart.htm

73 - Brian, AF4K

# 240. 'New Graphic Site' messages - don't read

Yahoo group: hamradiohomebrew
Date: 2006-06-14 15:14:28 UTC
From: Ian Wilson
Topic: 240  Message: 240

I believe that these messages contain an Internet worm, and should not be downloaded or opened. (I have sent email to the list owner).

--ian

# 241. Crystal switch FS

Yahoo group: hamradiohomebrew
Date: 2006-06-15 13:19:21 UTC
From: Ken Simpson, W8EK
Topic: 241  Message: 241

For Sale:

Crystal Switch

This unit presently has six HC-6 U crystal sockets on it, although it is punched for eight. There is a metal "chassis" about 2 1/12 by 2 inches that has the crystal sockets on it, and it mounted to the switch. The switch appears to be a seven position switch, which seems a bit odd. The entire mechanism is mounted by using the 3/8 inch hole for mounting the switch, with a knob on the front.

I don't remember what I got this for. It looks like it might have been to add six crystals to a single channel rig. It appears that it was never used.

$15 plus shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

# 242. Re: 'New Graphic Site' messages - don't read

Yahoo group: hamradiohomebrew
Date: 2006-06-16 22:34:20 UTC
From: wa6mhz_1
Topic: 240  Message: 242

-Thanks, Ian!
I stamped on those worms and they are gone, but I wonder how they got posted to begin with as this "Jason" isn't even a member!!! I will keep a close watch out for more varmints! Thanks for the headsup, Ian!!! 73, Pat
-- In hamradiohomebrew@yahoogroups.com, "Ian Wilson" <woooey@...> wrote:
>
> I believe that these messages contain an Internet worm, and should not
> be downloaded or opened. (I have sent email to the list owner).
>
> --ian
>

# 243. TUBE CLOCK

Yahoo group: hamradiohomebrew
Date: 2006-06-17 03:37:52 UTC
From: Brian Carling
Topic: 243  Message: 243

WOW - saw this information in another group...
A wonderful vacuum tube
based clock is presented at the following link:

(Gary check out the European schematics!)

http://tinyurl.com/g5s5b

# 244. Subaudible (PL) tone encoder FS

Yahoo group: hamradiohomebrew
Date: 2006-06-17 15:14:49 UTC
From: Ken Simpson, W8EK
Topic: 244  Message: 244

For Sale:

Ferritronics FT-202 subaudible (PL) tone encoder

Small PC board (about 2 inches X 1 1/2 inches x 1/2 inch thick) with adjustable tone and adjustable output level. It is made to install inside the rig.

$15 plus shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

# 245. FS - Radio DIALS / Verniers

Yahoo group: hamradiohomebrew
Date: 2006-06-20 12:14:23 UTC
From: Brian Carling
Topic: 245  Message: 245

FOR SALE: Vernier reduction drives etc.
(Pictures - see below)

First is a silver plated 5:1 ratio vernier drive with knob.
It has a scale of 0-200 on a 360 circle. Dimensions are
4-1/8" diameter with comfortable 2" diameter fluted knob.
Accepts standard 1/4" shaft.
Available for $10.00 plus shipping

Large, newer style 9:1 ratio vernier drive with knob.
It has a scale of 0-100 on a 180 degree arc.
Dimensions are 4" diameter with comfortable
2" diameter fluted knob. Accepts standard 1/4" shaft.
Available for $10.00 plus shipping

NATIONAL Velvet Vernier Reduction Drive.
This is the standard velvet vernier reduction drive
with 4 mounting screws. Has 0 - 150 scale on
270 degrees of vernier skirt which is 3" in diameter.
Accepts standard 1/4" shaft. Excellent shape.
Has paint on the unused side - works fine.
Available for $10.00 plus shipping

JACKSON BROTHERS VERNIERS
Brand new dial drives for 1/4" shaft. Extra nice brass construction.
These appear to be Jackson Brothers units with a 5:1 or 6:1
tuning ratio. These are the same as used in the Heathkit
HW-101 transceiver and other rigs.
Two hole mounting for front panel is on 1-1/4" centers.
The brass shaft is 1" long and overall dimensions are:
1-1/2" across the mounting ears. Drive body is 1" diameter.
Accomodates any normal 1/4" shaft on tuning device.
A few left at $13.00 each plus shipping.

Pictures and details at:
http://www.af4k.com/miscpart.htm

# 246. Re: TUBE CLOCK

Yahoo group: hamradiohomebrew
Date: 2006-06-20 14:59:48 UTC
From: wa6mhz_1
Topic: 243  Message: 246

Yes, indeed, I am truly blown away by this Tube Clock!!! It is amazing what some people can do with too much time and money on their hands!!! What is nice is that he provided the schematics so we can build one too. Looks like about 100 tubes, but probably can be shrunk a little by using multi element Compactrons. Since each tube is being used just as a switch, great gain and frequency ability is not an issue. This is what computers were in the days of the early 50s, where a 1KB computer was the size of a high school gym and required its own power plant to run it!!! I bet I have most of the parts to build this, except for the massive transformers required to supply all that filament power. Bet this draws more power than a refrigerator!! Imagine a digital clock that dims the house lights!!! Our power company would just love for one to run this around the clock, and I can see my SDGE bill coming in for $400 a month!! But as impractical and trouble as this is, it would just be BITCHIN! to build and own this. Wonder if anyone else has started to build one. OH, if ONLY I had the time and money!!!!

--- In hamradiohomebrew@yahoogroups.com, "Brian Carling" <bcarling@...
> wrote:
>
> WOW - saw this information in another group...
> A wonderful vacuum tube
> based clock is presented at the following link:
>
> (Gary check out the European schematics!)
>
> http://tinyurl.com/g5s5b
>

# 247. FS: Pair of CR1A 40m CW Crystals

Yahoo group: hamradiohomebrew
Date: 2006-06-20 21:03:11 UTC
From: Brian Carling
Topic: 247  Message: 247

FOR SALE:

Two type CR-1A/AR military crystals for 40m CW.
For use with military or homebrew rigs etc.

7010 kHz and 7105.5 kHz
These are working fine and have the thicker pins
spaced 1/2 inch apart and about 1/8" diameter.

Will sell the pair for $15.00 plus $6.00 shipping.

# 248. FS: Isolation Transformer

Yahoo group: hamradiohomebrew
Date: 2006-06-24 12:49:33 UTC
From: Brian Carling
Topic: 248  Message: 248

FOR SALE:

1000 watt Isolation Transformer. for 120V AC.
by Northlake Engineering Co.

Has four IEC outlets and heavy duty industrial
power cable. Heavy gauge, light gray metal case
with rubber feet. Like new condition.

Has a nice breaker switch for power ON/OFF.

Available for $45.00 plus shipping

# 249. Hot summer months!!

Yahoo group: hamradiohomebrew
Date: 2006-07-02 20:57:32 UTC
From: wa6mhz_1
Topic: 249  Message: 249

What homebrewing can you do in the SUMMER?? I would like to Homebrew and ICE COLD ICE TEA about now! Yes, it is just too hot to work in the workshop or outside. I installed some antennas at the break of dawn, because by 7AM it was ROASTING already!! The roof shingles get to hot to even sit on, I have to lay a blanket down to insulate them from my legs!! And the ground is all dusty and yeechy, so no work down there either. SO to still keep up my Homebrewing, I bring the projects into work. Here, we have free air conditioning and all the tools and test instruments to build and test anything I desire. The only trick is to get the parts for the projects, as the junkyards and junk stores are STEAMING!!! Today, being Sunday, I don't have a DARN thing to do. Too hot to go home, but need to stay comfortable, so I am here at work. Not getting paid for it, but for the Free Air, its worth it. Alot of people go to the Mall, but even there it is still warm. I like it FRIGID!!! Since I am the only one here in the building, I can turn the air down to FREEZE and enjoy the cold air. But I don't have anything to do! (Except type messages) Will go over Ebay with a fine tooth comb to see if there is anything I might have missed I can't live without. But I need to BUILD!!! I just have to scratch my head and decide WHAT to build. OH, I did get a wooden model boat at the Flea market yesterday for $1, I could do that, but it isn't electronic. I DID make an electronic wooden boat once though. Entered it in the Del Mar Fair (Now the San Diego County Fair)and the judges were so impressed It got a blue 1st place ribbon! What was special about this boat? It was a Munchkin boat, meaning if you were small enough, you could actually drive the boat using the dashboard controls. The steering wheel controlled the rudder as it should, all the lights worked but best was the motor. I installed 4 large Gel Cell batteries where the boat Fuel tanks would be and an electric motor inside a phony gas engine. The motor speed was controlled by the dashboard throttle control. As you pushed up the control, the motor speed would increase. This was because the throttle control was linked to a POT, which controled an LM317T voltage regulator. More voltage, more motor speed. The only thing the boat didn't have was a live GPS, radar and VHF transciever! It was a Sportfishing boat and was scale perfect to everything, including the fishing poles and reels. It was exactly 1/8 scale. I put in in my pool and it did indeed travel around the pool. No remote control here, it was all driven by the munchkin on board.
So that is an idea for a cool summer project. Make something inside where you have air. I see there hasn't been many posts lately, maybe everyone else is hot too. Atleast lets post some text about great projects, past and future.
73
Pat WA6MHZ

ARRL San Diego Section Manager
(now I have even less time to build, but I WILL Build!)

# 250. Re: [hamradiohomebrew] Hot summer months!!

Yahoo group: hamradiohomebrew
Date: 2006-07-02 21:30:04 UTC
From: Roy J. Tellason
Topic: 249  Message: 250

On Sunday 02 July 2006 04:57 pm, wa6mhz_1 wrote:
> What homebrewing can you do in the SUMMER?? I would like to Homebrew
> and ICE COLD ICE TEA about now! Yes, it is just too hot to work in
> the workshop or outside. I installed some antennas at the break of
> dawn, because by 7AM it was ROASTING already!!

Got thunderstorms rolling through here at this point...

<...>

> SO to still keep up my Homebrewing, I bring the projects into work. Here,
> we have free air conditioning and all the tools and test instruments to
> build and test anything I desire. The only trick is to get the parts for
> the projects, as the junkyards and junk stores are STEAMING!!! Today, being
> Sunday, I don't have a DARN thing to do. Too hot to go home, but need to
> stay comfortable, so I am here at work. Not getting paid for it, but for
> the Free Air, its worth it.
<...>
> But I don't have anything to do! (Except type messages) Will go
> over Ebay with a fine tooth comb to see if there is anything I might
> have missed I can't live without. But I need to BUILD!!! I just have
> to scratch my head and decide WHAT to build.

Just finished reading "Crystal Sets to Sideband: A Guide To Building Yor Own
Amateur Radio Station", which was not bad at all...

Perhaps if you browse to:

http://mysite.verizon.net/rtellason/w4s.html

and look at what I have listed down toward the end of that page, you might
get some ideas and help relieve me of some of my excess as well. :-)

--
Member of the toughest, meanest, deadliest, most unrelenting -- and
ablest -- form of life in this section of space, a critter that can
be killed but can't be tamed. --Robert A. Heinlein, "The Puppet Masters"
-
Information is more dangerous than cannon to a society ruled by lies. --James
M Dakin

# 251. Free ham items

Yahoo group: hamradiohomebrew
Date: 2006-07-08 11:42:30 UTC
From: Brian Carling
Topic: 251  Message: 251

Digital LCR and VOM meter. TE model LCM1951.
Has many ranges / features. Only used very briefly since
new. Needs 9V battery and possible reset or repair.
I didn't have time to try to get it going again after
I got a B&K unit. Comes with test leads and protective case.
You pay shipping only.

James Millen book - Notes on Transmitter Design.
Bad condition. Maybe someone can find this relic useful.
About half of it is rotten and damaged. Parts may
possibly be useful. For postage it's yours.
You pay shipping only.

# 252. Re: GB> Free ham items

Yahoo group: hamradiohomebrew
Date: 2006-07-08 13:56:27 UTC
From: Brian Carling
Topic: 251  Message: 252

FYI guys - the LCR meter is gone.

Millen book still available.

# 253. Model Rocket ATV

Yahoo group: hamradiohomebrew
Date: 2006-07-09 20:17:43 UTC
From: kg4kgy
Topic: 249  Message: 253

I just put some info back up on my website from a project I did last summer with amateur tv. Planning on sending it up again with a mirror attached to the side for a different perspective of the ground below.

www.scrtc.com/~tlbuch/Model Rocket ATV.html

73,

Tom
KG4KGY

--- In hamradiohomebrew@yahoogroups.com, "wa6mhz_1" <wa6mhz_1@...> wrote:
>
...I see there hasn't been many posts lately, maybe
> everyone else is hot too. Atleast lets post some text about great
> projects, past and future.
> 73
> Pat WA6MHZ
> ARRL San Diego Section Manager
> (now I have even less time to build, but I WILL Build!)
>

# 254. Solder Smoke

Yahoo group: hamradiohomebrew
Date: 2006-07-15 12:53:52 UTC
From: Brian Carling
Topic: 254  Message: 254

http://www.geocities.com/soldersmoke/

# 255. FS: $5 Ham Radio & Electronic items

Yahoo group: hamradiohomebrew
Date: 2006-07-15 18:15:50 UTC
From: Brian Carling
Topic: 255  Message: 255

FOR SALE - E-MAIL ME PRIVATELY ABOUT
THESE....

$5 Items to sell - most of these are new items

Mobile Antenna Ball Mount, used.

Two USA Cables

Two HDMI Cables

4 Classic Radio Knobs, some used.

100 Watt low pass filter, stops TVI, SO-239
connectors.

Antenna Relay with three SO-239 Connectors,
used.

Twenty-five HC49 Crystals on 6.492 MHz

QTY 9 - New 2N6341 Power Transistors, TO3.

QTY 8 - New RCA 151-0112 Power Transistors,
TO3.

Antique headset with boom microphone, brown
cloth cord, used.

QTY 2 - Crystal ovens, octal 12V for HC6U
crystals.

QTY 1 - Edison 115V Delay Relay, 45 seconds,
N.O. contacts 3amps.

FT-243 Crystals for 1977.5 kHz
FT-243 Crystals for 7000 kHz 7106.6 kHz, 7140
kHz

120V AC circuit breaker ON/OFF power switch,
7.5 Amps

Audio Transformer 1:1, 600 ohms

10 turn wirewound potentiometer, 10 k-ohms,
with 1/4" X 1/2" shaft.

Assortment of 10 high voltage ceramic
capacitors, 3 to 6 kV.

Superstar mobile microphone, with good coil cord, 4-pin plug, used

FT101E style microphone with 8-pin connector. Not sure what rig, used.

Kenwood HT battery charger type WO9-0315, used.

Computer PCI card with one parallel and 1 serial port.

All of the above items are $5.00 each plus shipping.
Combine items to save on shipping.

# 256. Re: Model Rocket ATV

Yahoo group: hamradiohomebrew
Date: 2006-07-16 21:38:38 UTC
From: wa6mhz_1
Topic: 249  Message: 256

The company I work for makes little 2.4 ghz ATV transmitters that would be ideal for model rockets, but they do draw quite abit of battery power. See the Helmet on the group picture? That has the transmitter and a 1W PA on it. I have to wear a fanny pack with a Gel Cel in it, so it would take a BIG rocket to launch that into space! But just the synthesizer is about the size of a soda cracker (2 in by 1 in) and will draw about 100 mA for maybe 70mW output. That might work with a 9V battery. It needs 9-16V to run. I also used one of those little mini cameras inside the helmet. Look at the pics area, there are more pics of it there.
73,
Pat WA6MHZ

--- In hamradiohomebrew@yahoogroups.com, "kg4kgy" <tlbuch@...> wrote:
>
> I just put some info back up on my website from a project I did last
> summer with amateur tv. Planning on sending it up again with a
> mirror attached to the side for a different perspective of the
> ground below.
>
> www.scrtc.com/~tlbuch/Model Rocket ATV.html
>
> 73,
>
> Tom
> KG4KGY
>
>
> --- In hamradiohomebrew@yahoogroups.com, "wa6mhz_1" <wa6mhz_1@>
> wrote:
> >
> ...I see there hasn't been many posts lately, maybe
> > everyone else is hot too. Atleast lets post some text about great
> > projects, past and future.
> > 73
> > Pat WA6MHZ
> > ARRL San Diego Section Manager
> > (now I have even less time to build, but I WILL Build!)
> >
>

# 257. Large analog meters FS

Yahoo group: hamradiohomebrew
Date: 2006-07-22 14:50:07 UTC
From: Ken Simpson, W8EK
Topic: 257  Message: 257

For Sale:

LARGE Analog meters

Simpson RF ammeter - Model 39
0-250 ma scale - 4.5 inch meter with black bezel - $20

Simpson RF ammeter
0-150 ma scale - 4.5 inch meter with black bezel - $ 20

Western Electric DC ammeter
0-1 amp scale - Round - 2.5 inch - $15

General Electric Edgewise DC ammeter
0-100 ma scale - Edgewise meter with scale 5+ inches
long and 1.7 inches high - White scale, w/ silver/gray mounting
About 6 inches deep - $ 40

LabVolt AC ammeter
0-1 amp scale - 4 inch square meter - New, unused - $25

LabVolt DC ammeter
0-1 amp scale - 4 inch square meter - New, unused - $25

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

# 258. FS: Isolation Transformer

Yahoo group: hamradiohomebrew
Date: 2006-08-07 00:47:49 UTC
From: Brian Carling
Topic: 248  Message: 258

FOR SALE:

1000 watt Isolation Transformer. for 120V AC.
by Northlake Engineering Co.

Has four IEC outlets and heavy duty industrial
power cable. Heavy gauge, light gray metal case
with rubber feet. Like new condition.

Has a nice breaker switch for power ON/OFF.

Available for $45.00 plus shipping

# 259. FS: Military Radio Crystals

Yahoo group: hamradiohomebrew
Date: 2006-08-09 22:06:45 UTC
From: Brian Carling
Topic: 259  Message: 259

FOR SALE:

Military radio collector items.

FT243 crystals designated for Military Radios such
as the BC-620, BC-721, BC745 and BC-1335 etc.

Includes PAIRS of BC-611 T-R crystals.
Includes a few in the ham bands.

Examples: 2310, 4930, 5385, 6125, 7250, 8450 kHz

I also have the larger FT171B crystals for the BC610.

To see the complete list, see web page:
http://www.af4k.com/MilitaryFT243Crystals.htm

MILITARY CRYSTALS

# 260. FS: 52UF at 4400V DC capacitors

Yahoo group: hamradiohomebrew
Date: 2006-08-15 12:41:06 UTC
From: Brian Carling
Topic: 260  Message: 260

FOR SALE:

52 uF at 4400 V DC oil-filled capacitors. These are
recently manufactured Non-PCB caps that look
like new. They come with the protection resistor to
prevent any dangerous charges building up during
storage. Individually rated and marked as 51 to 54 UF
and "4400V DC nominal / 4800V DC Test."

Dimensions: 7" X 3-5/8" X 2-1/4"

QTY 7 available for $22.00 each plus shipping.

# 261. FS: KW ISOLATION TRANSFORMER

Yahoo group: hamradiohomebrew
Date: 2006-08-15 12:45:46 UTC
From: Brian Carling
Topic: 261  Message: 261

FOR SALE:

1000 watt Isolation Transformer. for 120V AC.
by Northlake Engineering Co.

Has four IEC outlets and heavy duty industrial
power cable. Heavy gauge, light gray metal case
with rubber feet. Like new condition.

Has a nice breaker switch for power ON/OFF.

Available for $45.00 plus shipping

# 262. NEW Homebrew project

Yahoo group: hamradiohomebrew
Date: 2006-08-17 14:40:42 UTC
From: wa6mhz_1
Topic: 262  Message: 262

Sometimes Homebrewing doesn't require the complete design and fabrication of all the internal parts. Todays Homebrew Project is an APRS Tracker. But there is no way I can build a GPS and many of the other parts involved. I have a junked 2 Meter HT Kenwood TH-25AT with no battery so that was a perfect candidate for the radio part of it. On Ebay, there was a GPS module listed for only $17.50, and the matching active antenna for only $10 more! I have paid over $40 for the Tripmate GPSs so this was a real bargain. For control, I use a Byonics Tiny Trakker 3, a kit with a PCB and a few parts. So WHERE is the Homebrew? Oh, it is in the Packaging and interconnect. I bought a scrap aluminum box at the local Junk store and began the process of integrating it all together. The HT will be external as will be the Gel-Cel. I am thinking of putting it in a small toolbox, as this will make an ideal just-turn-it-on-and-go tracker. On one side of the tool box will be the GPS antenna and the other will have the 2 meter whip. I have a few other trackers already. One in my Town Car, one in my wifes Camry, a lunchbag portable unit featuring a Tripmate and KPC-3 driving an Icom IC-02AT with a 7AH gel Cel, and a Kenwood TH-D7A and Garmin Etrex. So WHY I need another tracker I don't know, but it is just fun to build them. A tracker such as this can be placed on a Float for a parade and just turned on for the duration. The main size item is the battery. The GPS/TT3 portion will draw about 250 mA, and the Radio 400 mA on transmit. So that will take a pretty good battery to run it for any duration. I am still exploring the housing possibillities, but the main box is under construction. One thing many homebrewers learn too late is to DESIGN BEFORE BUILD!! If you are too hasty, there will be things that come back to bite you after construction is well underway. As anxious as I am to get it built and working, If I don't really consider every angle I will pay for it dearly later on. OK back to work!
73
WA6MHZ

# 263. FS: Rechargeable Batteries

Yahoo group: hamradiohomebrew
Date: 2006-08-18 16:46:41 UTC
From: Brian Carling
Topic: 263  Message: 263

FOR SALE:
Rechargeable Batteries - sealed lead-acid 12V batteries.
These have seen light duty and been removed from service
after several months. Still working fine. Great for QRP or
portable operation.

QTY 2 - YUASA 12V DC at 17.2 AH
Dimensions: 7" X 3" X 7" tall
Available for $24.00 each plus shipping

QTY 3 - 12V DC at 12 AH Unipower
Dimensions: 6" X 3-7/8" X 3-3/4" tall.
Available for $16.00 each plus shipping

QTY 1 - 12V DC at 14 AH PBS Brand
Dimensions: 6" X 4" X 4" tall.
Available for $16.00 plus shipping.

QTY 1 - Ohmeda - 12V at 2.3 AH - $3.00

QTY 2 - UNIPOWER 6 V at 2.8 AH - $2.00 each

Thanks for reading & 73 - Brian

# 264. Coaxial cable FS

Yahoo group: hamradiohomebrew
Date: 2006-08-20 13:01:54 UTC
From: Ken Simpson, W8EK
Topic: 264  Message: 264

Coaxial cable for sale:

I have some lengths of coaxial cable available. Most have PL-259 connectors on each end. The coax is mainly Belden 8214, which is RG-8 low loss foam. Some lengths may be other equivalent brands. All lengths over 25 feet will be checked for loss before shipping, and will be within 10% of published specs (that is as close as I can check). Lengths shorter than 25 feet are almost impossible to measure loss accurately, but they will be checked with an ohmmeter.

Lengths vary from about 5 feet to over 100 feet, and I have a few with a PL-259 on only one end. Please let me know what you need, and I will see what I can do.

Belden 8214 is presently selling for about $1.35 a foot in 500 foot coils. My price is basically 40 cents a foot, plus $2 per installed PL-259 connector.

Coaxial cable jumpers with N connectors

These jumper cables are made with solid (not foam) dielectric RG-213 type cable, and were intended to be used at the top of the tower to connect the antenna.

Two feet long, Male N to Female N. Female end has a weatherproof rain boot. $8

Ten feet long, with Male N connector on each end. $10

Eight feet long, with Male N on one end, and an SO-239 connector on the other end, with rain boot. $12

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

# 265. REDUCED: Rechargeable Batteries

Yahoo group: hamradiohomebrew
Date: 2006-08-20 12:56:16 UTC
From: Brian Carling
Topic: 265  Message: 265

REDUCED:

Rechargeable Batteries - sealed lead-acid 12V
batteries.
These have seen light duty and been removed from
service after several months. Still working fine.
Great for portable or QRP operation.

QTY 2 - YUASA 12V DC at 17.2 AH.
Dimensions: 7" X 3" X 7" tall
Available for $18.00 each plus shipping

QTY 3 - UNIPOWER 12V DC at 12 AH.
Dimensions: 6" X 3-7/8" X 3-3/4" tall.
Available for $10.00 each plus shipping

QTY 1 - 12V DC at 14 AH PBS Brand
Dimensions: 6" X 4" X 4" tall.
Available for $10.00 plus shipping

QTY 1 - Ohmeda - Great for QRPp 12V at
2.3 AH - $3.00

QTY 2 - UNIPOWER 6 V at 2.8 AH also suitable
for QRPp - $2.00 each

Details at:
http://www.af4k.com/miscpart.htm

# 266. FS: Dow Key Relay

Yahoo group: hamradiohomebrew
Date: 2006-08-20 19:51:31 UTC
From: Brian Carling
Topic: 266  Message: 266

FOR SALE:

DOW-KEY ANTENNA CHANGEOVER RELAY.

Brand new Dow Key relay model 60-230442 with
external DPDT muting contacts.
12V operation. Has three standard SO-239
connectors.
QTY 1 available for $42.00 plus shipping.

Picture and details at:
http://www.af4k.com/miscpart.htm

# 267. FS: DVI to DVI cable (HDMI displays)

Yahoo group: hamradiohomebrew
Date: 2006-08-26 09:30:44 UTC
From: Brian Carling
Topic: 267  Message: 267

FOR SALE:
DVI to DVI DUAL LINK Video Cable
DVI is one of the latest interconnection technologies which
provides one of the highest quality
Digital Video connections available. Because the signal remains
digital from source to display
there is no loss from analog conversion.

When used with compatible equipment this cable will give you the
best possible picture from your
Projector, Plasma etc. Suitable for High Definition image
resolutions such as 480p, 480i, 720p and 1080i.

These are Very High Quality DVI Cables. Compare our prices and
shipping rates with the competition,
These are the best value around! These high quality DVI cables
offer the best quality cable and features
at the best value.

These cables are used with some of the newer flat panel monitors
and were never used.
Use a DVI cable to connect your computer to a digital monitor or
LCD/Plasma television.
This item is a brand new standard DVI to DVI video cable. Connect
that DVI input on your monitor to your
DVI video card output. This cable will do the trick... Guaranteed to
work.

Color: Black
Length: 6 feet
Condition: Brand new

Check around, you'll find it hard to get a DVI cable with Ferrite
chokes for such a low price.
The stores like Office Depot and Staples sell them for $65.00 or so.
I have plenty of these available for $4.00 each plus shipping

Picture and details, see:
http://www.af4k.com/miscpart.htm

# 268. FS: Reduction drives

Yahoo group: hamradiohomebrew
Date: 2006-08-26 09:38:21 UTC
From: Brian Carling
Topic: 268  Message: 268

FOR SALE: VERNIER REDUCTION DRIVES by
JACKSON BROTHERS.
Brand new dial drives for 1/4" shaft. Extra nice
brass construction.
These are units with a 5:1 or 6:1 tuning ratio.
These are the same as used in the Heathkit HW-101
transceiver and other rigs.
Two hole mounting for front panel is on 1-1/4"
centers.
The brass shaft is 1" long and overall dimensions
are:
1-1/2" across the mounting ears. Drive body is 1"
diameter.
Accomodates any normal 1/4" shaft on tuning
device.
Will sell for $12.00 each plus shipping.

Picture and details at:
http://www.af4k.com/miscpart.htm

# 269. FS: Western Electric 416B Tube

Yahoo group: hamradiohomebrew
Date: 2006-09-03 17:44:13 UTC
From: Brian Carling
Topic: 269  Message: 269

FOR SALE:

Western Electric 416B Planar Triode Tube in excellent
condition. Appears to be new, but no box.
Equivalent to 6280... 416B; Vp=200V, Ip=30ma.
Suitable for making a small transmitter at up to 4 GHz.
Prized in Japan for hi-fi-audio.
Typical retail is $36.00 to $40.00

E-mail me for photo.

QTY 1 Available for $12.00 plus shipping

# 270. REDUCED EVEN MORE - Rechargeable batteries $1 and up.

Yahoo group: hamradiohomebrew
Date: 2006-09-06 21:47:33 UTC
From: Brian Carling
Topic: 270  Message: 270

FOR SALE:

Rechargeable Batteries - sealed lead-acid
12V batteries. These have seen light duty
and been removed from service after
several months. Still working fine.
Some of these look like new. Great for
QRP or portable operation. Dropping the
price every week until they go!

QTY 2 - YUASA 12V DC at 17.2 AH
Dimensions: 7" X 3" X 7" tall
Available for $16.00 each plus shipping

QTY 3 - 12V DC at 12 AH Unipower
Dimensions: 6" X 3-7/8" X 3-3/4" tall.
Available for $8.00 each plus shipping

QTY 1 - 12V DC at 14 AH PBS Brand
Dimensions: 6" X 4" X 4" tall.
Available for $8.00 plus shipping

QTY 1 - Ohmeda - Great for QRPp 12V at
2.3 AH - Now only $2.00!

QTY 2 - UNIPOWER 6 V at 2.8 AH also suitable
for QRPp - Now just $1.00 each!

Details and updates at:
http://www.af4k.com/miscpart.htm

73 - Brian, AF4K

# 271. Vacuum Tube Regen AM Radio Kit from Japan

Yahoo group: hamradiohomebrew
Date: 2006-09-07 11:57:56 UTC
From: Brian Carling
Topic: 271  Message: 271

This description of a REGEN kind opf makes me cringe,
but maybe someone will enjoy it:

Bry

------- Forwarded message follows -------

FROM: Tom Curtola:

The link below is a "youtube" video of "toy" regen assembly. The
audio on the video is taken from the radio.

http://www.youtube.com/watch?v=fmVC6HqEWYY

I ordered this little toy vacuum tube radio kit from a company in
Japan that makes all kinds of neat hobby kits, science and radio
kits etc. (www.hlj.com)

It went together in no time, as it's aimed at non-electronic types.
Basically just plastic chassis with a regenerative circuit board
with all the components already soldered. The builder merely snaps
together the parts, screw them tight and winds the antenna loop.

I think it's a great little kit for someone to make with his child
or grandchild.

It actually works quite well in the AM broadcast band. There was
some room left on the loop frame for some more windings, so I
experimented with different turn-counts and settle for the 160m
band, in addition to the AM broadcast band.

This radio now has 160m ham and 120m Shortwave Broadcast. Though
the 160m band is not very stable, I am able to copy W1AW but the
radio drifts too much to copy SSB.

The shortwave broadcasts come through very nicely on the 120m band.

The link below will take you to my "youtube" video of the assembly
and demonstration of the radio's audio.

http://www.youtube.com/watch?v=fmVC6HqEWYY

73,

Tom
VA3TY

PS: for those not familiar, 'youtube.com' is a site dedicated to the
public that want to post videos. Do a search on the site for

various radio stuff and you'll be treated to many videos of hams who have posted videos of their DXpeditions, or stations etc.,

(FROM the GLOWBUGS list.)

------- End of forwarded message -------

# 272. RE: Vacuum Tube Regen AM Radio Kit from Japan

Yahoo group: hamradiohomebrew
Date: 2006-09-08 10:13:50 UTC
From: Brian Carling
Topic: 271  Message: 272

That looks really cool Lee. I wonder what tubes he uses in the
4 stage regen? Possibly something like 1S4, 1T4, 1R5 since
they only use 90V from three PP3 batteries. I wonder
though, if the batteries would be used up rapidly.
That adds a lot to the expense at about $20-30 a set!
Of course we could MODEL the tube sound with solid
state and produce the whole thing for under $2000.
It seems like $109.00 is not too bad for
such a kit when you consider they have to come up
with things like an output transformer, speaker etc.
Some of us have often wondered if there might be
a good market for such kits.

Thanks for pointing out that web site.

Bry

> Hey Bry,
>
> Try this on for a regen kit
>
> http://www.vcomp.co.uk/radiokits/radiokit.htm
>
> from 1 to 4 'valves'
>
> Lee N4MVL
>
>
> --- Brian Carling <bcarling@...> wrote:
>
> > This description of a REGEN kind opf makes me
> > cringe,
> > but maybe someone will enjoy it:
> >
> > Bry
> >
> > ------- Forwarded message follows -------
> >
> > FROM: Tom Curtola:
> >
> > The link below is a "youtube" video of "toy" regen
> > assembly. The
> > audio on the video is taken from the radio.
> >
> > http://www.youtube.com/watch?v=fmVC6HqEWYY
> >

> > I ordered this little toy vacuum tube radio kit from
> > a company in
> > Japan that makes all kinds of neat hobby kits,
> > science and radio
> > kits etc. (www.hlj.com)
> >
> > It went together in no time, as it's aimed at
> > non-electronic types.
> > Basically just plastic chassis with a regenerative
> > circuit board
> > with all the components already soldered. The
> > builder merely snaps
> > together the parts, screw them tight and winds the
> > antenna loop.
> >
> > I think it's a great little kit for someone to make
> > with his child
> > or grandchild.
> >
> > It actually works quite well in the AM broadcast
> > band. There was
> > some room left on the loop frame for some more
> > windings, so I
> > experimented with different turn-counts and settle
> > for the 160m
> > band, in addition to the AM broadcast band.
> >
> > This radio now has 160m ham and 120m Shortwave
> > Broadcast. Though
> > the 160m band is not very stable, I am able to copy
> > W1AW but the
> > radio drifts too much to copy SSB.
> >
> > The shortwave broadcasts come through very nicely on
> > the 120m band.
> >
> > The link below will take you to my "youtube" video
> > of the assembly
> > and demonstration of the radio's audio.
> >
> > http://www.youtube.com/watch?v=fmVC6HqEWYY
> >
> > 73,
> >
> > Tom
> > VA3TY
> >
> > PS: for those not familiar, 'youtube.com' is a site
> > dedicated to the
> > public that want to post videos. Do a search on the

> > site for
> > various radio stuff and you'll be treated to many
> > videos of hams who
> > have posted videos of their DXpeditions, or stations
> > etc.,
> >
> > (FROM the GLOWBUGS list.)
> >
> > ------- End of forwarded message -------
> >
>
>
> _____
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam protection around
> http://mail.yahoo.com
>
>
>
> "In the interest of Regenerating radio's lost art of Regeneration"
> Yahoo! Groups Links
>
>
>
>
>
>
>
>
>

# 273. FS: Gonset Commander Mod Xfmr

Yahoo group: hamradiohomebrew
Date: 2006-09-10 18:01:57 UTC
From: Brian Carling
Topic: 273  Message: 273

FOR SALE:

T2 Modulation Transformer for Gonset Commander.
Works with Push-pull 7C5 or 6V6 tubes for about 15-20 watts,
using simple cathode bias.

Tested, and working fine, good condition with
mounting hardware.

Available for $22.00 plus shipping

# 274. Electronics Project For Terrorists

Yahoo group: hamradiohomebrew
Date: 2006-09-11 11:28:17 UTC
From: Brian Carling
Topic: 274  Message: 274

Here is a project that all would-be suicide bombers should try.

They can build this thing with a half dozen electronic parts
and do away with themselves very easily before they
harm anyone else! They should turn the control to MAX
in the privacy of their own home or cave.

http://www.emanator.demon.co.uk/bigclive/tickle.htm

# 275. Re: GB> Electronics Project For Terrorists

Yahoo group: hamradiohomebrew
Date: 2006-09-11 13:20:27 UTC
From: Brian Carling
Topic: 275  Message: 275

That's whjat I thought too. I stumbled across that web page,
and thought that the guy must be insane to do that!

> Swift! REAL swift!!!
>
> KC8YY

# 276. Re: GB> Electronics Project For Terrorists

Yahoo group: hamradiohomebrew
Date: 2006-09-11 15:09:00 UTC
From: wa6mhz_1
Topic: 275  Message: 276

He forgot to put in a GFI protection outlet!!! Don't want to get
shocked!!--

- In hamradiohomebrew@yahoogroups.com, "Brian Carling" <bcarling@...>
wrote:
>
> That's whjat I thought too. I stumbled across that web page,
> and thought that the guy must be insane to do that!
>
> > Swift! REAL swift!!!
> >
> > KC8YY
>

# 277. Re: Electronics Project For Terrorists

Yahoo group: hamradiohomebrew
Date: 2006-09-11 14:01:39 UTC
From: Brian Carling
Topic: 274  Message: 277

He he he he yeah - 'oops!'

> Perhaps they should build a high-power version of this device and use it at
> the airport for screening and checking would-be terrorists.
> Oops! Too much voltage? Sorry about that. NEXT.
>
> Gene, WØQFC
> Spring Hill, Florida
> WEB SITE:
> http://www.w0qfc.com
>
>
>
> ************ The Glowbugs E-mail List Website is: ***************
> *********** http://www.mines.uidaho.edu/~glowbugs/ **************
> *** Send subscribe and unsubscribe requests to this address: ****
> ************** majordomo@... **************
>

# 278. Re: [hamradiohomebrew] Re: GB> Electronics Project For Terrorists

Yahoo group: hamradiohomebrew
Date: 2006-09-11 21:36:18 UTC
From: Brian Carling
Topic: 275  Message: 278

LOL - a good idea!!

From: wa6mhz_1 <wa6mhz_1@...>

> He forgot to put in a GFI protection outlet!!! Don't want to get
> shocked!!--

> Brian Carling wrote:

> > That's what I thought too. I stumbled across that web page,
> > and thought that the guy must be insane to do that!
> >
> > > Swift! REAL swift!!!
> > >
> > > KC8YY
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> Yahoo! Groups Links
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# 279. FS: Terminal Boards

Yahoo group: hamradiohomebrew
Date: 2006-09-13 23:11:50 UTC
From: Brian Carling
Topic: 207  Message: 279

FOR SALE:

Terminal Boards, new.
Excellent fiberglass boards for homebrewing radios
or guitar amps etc. Each section has ten solder turrets in
two rows of five. There are five sections but these can
easily be broken down into five pieces each with four
mounting holes and measuring 2.625" X 1.5"
Overall dimensions: 13.125" X 1.5"
Have QTY 6 available for $5.00 each plus shipping.

FIVE-way turret type terminal strips - great for homebrewing.
Has two mounting holes and 5 turrets for mounting parts.
2.6" long. Multiple wires may be soldered directly to each turret.
These are top quality, new stock bakelite strips, great for building
classic homebrew tube radio or audio equipment etc.
Selling for $1.25 each or buy 10 or more for $1.00 each.
Shipping additional.

SIX-way terminal strips - great for homebrewing.
Has center mounting tab for ground connection. 2.6" long.
These are top quality, new stock bakelite tag strips, for
constructing homebrew tube radio and audio equipment etc.
Other sizes available. Inquire.
Selling for $1.25 each or buy 10 or more for $1.00 each.

Screw Terminal Board.
Excellent fiberglass board for homebrewing radios, test
equipment etc.Single terminal strip has a row of 8 screw terminals
with solder tags on the inside. Brand new, and never was used.
Dimensions: 4.25" X 0.625"
Have QTY 1 available for $5.00 plus shipping

For pictures and details see:
http://www.af4k.com/boards.htm
http://www.af4k.com/miscpart.htm

73 - Brian, AF4K

# 280. Re: [hamradiohomebrew] Electronics Project For Terrorists

Yahoo group: hamradiohomebrew
Date: 2006-09-16 09:15:22 UTC
From: Alex Flinsch
Topic: 274  Message: 280

On Sep 11, 2006, at 7:28 AM, Brian Carling wrote:

> Here is a project that all would-be suicide bombers should try.

I liked the part that reads

"The tingle-tron was the result of a discussion between electricians
about the effects of various levels of current through the body."

but they forgot to mention that the discussion took place after quite
a few down at the local...

If you will be building this in the US, remember to cut the
resistance values in half (120V on this side of the pond for normal
outlets).

--
Alex / AB2RC
Running a Linux/Mac installation, where the only windows are in the
walls where they belong

# 281. Re: [hamradiohomebrew] Electronics Project For Terrorists

Yahoo group: hamradiohomebrew
Date: 2006-09-16 10:40:20 UTC
From: n9wb
Topic: 274  Message: 281

This is a very irresponsible article. Somebody is going to get killed.
Vy 73, Walt N9WB

----- Original Message -----
From: Alex Flinsch
To: hamradiohomebrew@yahoogroups.com
Sent: Saturday, September 16, 2006 4:15 AM
Subject: Re: [hamradiohomebrew] Electronics Project For Terrorists

On Sep 11, 2006, at 7:28 AM, Brian Carling wrote:

> Here is a project that all would-be suicide bombers should try.

I liked the part that reads

"The tingle-tron was the result of a discussion between electricians
about the effects of various levels of current through the body."

but they forgot to mention that the discussion took place after quite
a few down at the local...

If you will be building this in the US, remember to cut the
resistance values in half (120V on this side of the pond for normal
outlets).

--
Alex / AB2RC
Running a Linux/Mac installation, where the only windows are in the
walls where they belong

---

No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.1.405 / Virus Database: 268.12.4/448 - Release Date: 9/14/06

# 282. Vintage ham radio recordings and preservation

Yahoo group: hamradiohomebrew
Date: 2006-09-18 12:01:49 UTC
From: Brian Carling
Topic: 282  Message: 282

W5AMI has a great idea here folks:
ars.w5ami@...

It would be good if several of us could begin copying to MP3
files and preserving old tape recordings of ham QSOs.

Can anyone help supply some recordings?

------- Forwarded message follows -------

There are bound to be some folks out there who have possession of
vintage on-the-air recordings from the 60', 70' and 80's, maybe even
earlier. I know at one time Otis (K5SWK) had many, and some dating
back into the 50's. If these exist, they should not be allowed to
deteriorate or be overwritten before first getting them on digital for
preservation, either on the web or CD/DVD.

I propose that if you know of any such recordings, we somehow get
these copied. I would be willing to do some of them myself. Any
other takers?

It would be nice to have such a nostalgic and historic resource for
QSOs forgotten placed on a website or available on CD. Gary at
amfone.net might be willing to utilize space for such media, or I
would be willing to dedicate webspace for the project...gigs if
needed.

Let's get together on this and try to gather what we can for now and the future!

Anyone have contact with Otis lately? John/BXO? I know he used to
mention on the air that he had quite a library of tapes, however that
has been a long time ago.

I have also posted a message similar to this on amfone.net...

Brian / w5ami
E-mail: ars.w5ami@...

# 283. FS: 12-pin Connectors

Yahoo group: hamradiohomebrew
Date: 2006-09-20 12:01:34 UTC
From: Brian Carling
Topic: 283  Message: 283

FOR SALE:
12-pin CINCH-JONES Power Connector - for Drake,
Swan, Yaesu etc.
These are the standard rectangular power plugs used for
supplying power to rigs like the Yaesu FT-101E, Swan 350,
Drake TR4, Kenwood 520 and many others.
QTY 12 Available for $5.00 each

For picture and details see:
http://www.af4k.com/miscpart.htm

# 284. FS: Misc. Cool Homebrew Parts etc.

Yahoo group: hamradiohomebrew
Date: 2006-09-20 16:30:18 UTC
From: Brian Carling
Topic: 284  Message: 284

FOR SALE:
Variety of Homebrew Parts etc. including:

Vintage communication rcvr knobs. Some with spinners
or military style etc. Two sets of 6 for $12 per set. see photo.

Set of 4 Barry Electronics Shock Mounts $22

Small 24V DC pump - very handy $3

TOWER safety signs, new $2.00

Flexible coupling. For 1/4" shafts. Includes all set screws.
Dimensions: 8.75" X 0.5" for $5

Crystal ovens for HC6U rocks $6 each.

902 MHz rubber antenna, SMA $3.00

6.6 ohm, 600 Watt NON-INDUCTIVE resistor $10 each.

Waxed lacing cord for wiring harnesses, 250 yards $12.50

Mobile Antenna Ball Mount $5.00

Large tube plate cap $4.00

Many other items too...
For a complete list and pictures please see:
http://www.af4k.com/miscpart.htm

# 286. FS: Isolation Transformer 1KW

Yahoo group: hamradiohomebrew
Date: 2006-10-06 21:49:58 UTC
From: Brian Carling
Topic: 286  Message: 286

FOR SALE:

1000 watt Isolation Transformer. for 120V AC.
by Northlake Engineering Co.

Has four IEC outlets and heavy duty industrial power cable.
Heavy gauge, light gray metal case with rubber feet.
Like new condition.

Has a nice breaker switch for power ON/OFF.

Available for $45.00 plus shipping

# 287. FS: Broadcast Band Crystals

Yahoo group: hamradiohomebrew
Date: 2006-10-08 12:41:57 UTC
From: Brian Carling
Topic: 287  Message: 287

FOR SALE:

AM Broadcast Band Crystals

Great for testing transmitters and for other applications.

Complete list of available frequencies at:

http://www.af4k.com/BCB_crystals.htm

Regards - Brian

# 288. FS: MFJ 407C Keyer

Yahoo group: hamradiohomebrew
Date: 2006-10-08 12:30:46 UTC
From: Brian Carling
Topic: 288  Message: 288

FOR SALE:

MFJ 407C KEYER - excellent condx. Great little keyer
with many features. Use with any paddles. Has controls
for SPEED, WEIGHT, TONE, VOLUME, TUNE ON-OFF etc.
Also has switch for Automatic / Semi-automatic which
enables bug style keying. Has a built-in speaker and
side-tone monitor. Two outputs: GRID-BLOCK and DIRECT.
Excellent condition.
Will sell for $39.00 plus shipping

Picture and details at:
http://www.af4k.com/miscpart.htm

# 289. FS: Misc. Ham Accessories

Yahoo group: hamradiohomebrew
Date: 2006-10-09 11:06:22 UTC
From: Brian Carling
Topic: 289  Message: 289

FOR SALE:

JANEL 2m Converter, exc. - $39.00

Tower warning safety signs: 'DO NOT CLIMB' - $2.00 ea.

Reduction drives, Jackson - $12.00 ea.

ASTATIC D104 unamplified, nice. $39.00

YAESU FV-301 Remote VFO - $105
YAESU LL-301 Landliner Phone Patch - $35.00

KENWOOD VF180 Remote VFO - $105.00

PYE CAMBRIDGE VHF AM TRANSCEIVER - $75.00

EICO 1171 RESITOR SUBSTITUTION BOX - $15.00

24V DC Pump by Neuberger - $3.00

Time delay relays, octal P&B 120V AC, adjustable
1-180 sec. QTY 3 available for $10.00 ea.

10 ohm, 300W Non-ind. resistors $10.00 ea.

CRYSTAL OVENS 12V - For HC6U crystals - $6.00 ea.

Rubber duckie antennas, new 902 MHz SMA - $3.00 ea.

12-pin female Cinch-Jones connectors - $5.00 ea.

Shipping additional

Pictures and details at:
http://www.af4k.com/radios.htm
http://www.af4k.com/miscpart.htm
http://www.af4k.com/mics.htm

73 - Brian, AF4K

# 290. FS: OPTO-ELECTRONICS 600 MHz Freq. Counter

Yahoo group: hamradiohomebrew
Date: 2006-10-16 12:16:36 UTC
From: Brian Carling
Topic: 290  Message: 290

FOR SALE:
OPTO-ELECTRONICS 600 MHz Frequency Counter
Model OPTO-8000
Includes attentuiator for X1, X10 and X100 ranges.
7-digit display with switch for leading zero suppress.
Also has controls for 100 ms / 1 sec. sampling,
0-60 MHz and 0-600 MHz ranges. Has inputs for
50 ohms and also 1 Megohm, both using BNC connectors.
Also comes with the clip-on type sampling cable
and a stubby antenna. Has tilt bail and also four
nice rubber feet. Excellent working condition.
120V AC operation.

Available for $50.00 plus shipping.

Picture and details at:
http://www.af4k.com/testgear.htm

# 291. HOMEBREW Contest!!!

Yahoo group: hamradiohomebrew
Date: 2006-10-26 15:33:06 UTC
From: wa6mhz_1
Topic: 291  Message: 291

Everu November, the ARC of El Cajon has sponsored a Homebrew Contest. Categories are Novice and Pro, equipment and antennas. I have entered just about every year since the mid 70s, and usually win with a wide variety of projects. This year I will be entering the 1296 & 10 Ghz Dual band transverter, the most complicated project I ever built. That is detailed in the photo section of our group. Also being entered in my new APRS Tracker. I need to take a bunch of photos of it so it will be detailed on here as well. It is in a very small metal suitcase from Harbor Freight. Inside is a 7AH Gel Cel running a Tiny Track 3, an Axiom GPS and Kenwood TH-25AT HT. But the HT power output was too lame so I built an 18W PA which works great. On the outside of the case is a BNC Jack for the rubber duck, and the GPS active antenna. This can be turned on and just left in a car window or, for it's designed purpose, be placed on a Parade float to transmit the floats instant location. This will be used this year on the ARC of El Cajon's float in the Mother Goose Parade, a Nationally seen event. Of course, I would like some competition in the contest, but the other club members seem afraid to compete as they know I will always win. That is too bad, as I am trying to promote Homebrewing. Maybe they could have a Veteran category for me and then the main category for other members to enter. Here are some of the previous years projects that have done well.
1) 4 1/2 Digit DMM with digital Thermometer that reads out to 1/100 of a degree. This works great, and was built about 1980.
2) HF Remote. This was an incredibly complicated project from the mid 80s that used touch tones decoded to control an Icom IC-701 on HF for remote transcieve. 2 meters out and 450 Mhz in. This was 20 years ahead of its time and worked great.
3) PSK31/Digital modes interface unit. This is a deluxe model that had a TNC input to run Packet and RTTY which required switching the RS232 lines. In constant operation in my Shack.
4) Homebrew 2 meter FM. This was built in a Drake TR-4 cabinet, one of the largest 2 meter FMs ever built. It used boards from a Swan FM-2X, and a VHF Engineering Synthesizer, plus a PL encoder using toggle switches for freq selection. ALso has a Packet input. Worked great!
5) T-Hunt beam. Made out of PVC and Brazing rod, this is a 10 element 2M(5 V and 5 H) antenna that mounted through the Sunroof of my sedan. Won alot of T-hunts with this, but sure freaked out other drivers seeing this coming out of the car roof!!
6) 2.4 Ghz Helmet Cam. The featured pic on the Group list. provides instant live video and audio. This was just demo'd at the ARRL Southwestern Div convention.

Wonder what will be built for next year?? Sure need ideas!!

# 292. Re: HOMEBREW Contest!!!

Yahoo group: hamradiohomebrew
Date: 2006-11-10 17:17:37 UTC
From: wa6mhz_1
Topic: 291  Message: 292

The contest was last night, and I had my 2 items to demo and show. The dualband Transverter and the APRS Tracker. Also entered in the contest was a HF remote system by another club member. This was a simple system where he had a remote transmitter and reciever hooked up to a vox system so the incoming would override the RX and send the remote radio into transmit. While nicely designed and functioning, it really was just a repackage of a commercial unit from Hong Kong, so not a true homebrew unit in the purist sense. I brought along a Yaesu FT-911 1.2Ghz FM radio and an Icom IC-2A to use for an IF radio. Sure enough, I could talk across the room on 1296.5 Mhz and it worked great! I set up the APRS Tracker and it received enough GPS sats to get a good fix and put out a spot from the club table. But the battery had gone dead in the tracker due to an unknown power drain by the 18W Power Amp, which seems to draw 130mA on RX for some reason. This ran down the Gel Cel after a week and I had to jumper it to the 2nd Gel Cel I brought along to demo the Transverter. Good thing I had jumper cables!
The members were most likely completely snowed in on what I was talking about when I described the intricate circuitry of the dualband transverter, but the judges were impressed enough to give it an easy 1st place. 2nd went to the HF remote, which probably was done so I wouldn't sweep the awards as the Tracker was much more complicated and homebrew. Thats OK, all we got for the effort was a certificate of winning.
Now, it is on to next years project(s). I am indeed running out of ideas, so it will be tough. One project on the back burner is my 1968 2 meter AM transmitter. The rule is NO parts newer than 1968, and that includes all resistors and capacitors! Guess I can cheat by using new nuts and bolts, but a 6-32 bolt and nut hasn't changed in design in 100 years!!! I already have the chassis laid out but I am not certain on the design. It is collaged from all sorts of transmitter circuits found in old QSTs and the ARRL Handbooks. Now I am looking into old CQs to find more data and ideas.
The 2nd project needing reviving is my HW-601, or it could be a SB-111, 6 meter versions of the famous Heathkits. They would use similar circuits to the HW and SB series only working on 6. Another headscratcher. OK, back to work!
--- In hamradiohomebrew@yahoogroups.com, "wa6mhz_1" <wa6mhz_1@...> wrote:
>
> Everu November, the ARC of El Cajon has sponsored a Homebrew
> Contest. Categories are Novice and Pro, equipment and antennas. I
> have entered just about every year since the mid 70s, and usually win
> with a wide variety of projects. This year I will be entering the

> 1296 & 10 Ghz Dual band transverter, the most complicated project I
> ever built. That is detailed in the photo section of our group.
> Also being entered in my new APRS Tracker. I need to take a bunch
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> small metal suitcase from Harbor Freight. Inside is a 7AH Gel Cel
> running a Tiny Track 3, an Axiom GPS and Kenwood TH-25AT HT. But
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> HT power output was too lame so I built an 18W PA which works
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> window or, for it's designed purpose, be placed on a Parade float
to
> transmit the floats instant location. This will be used this year
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> drivers seeing this coming out of the car roof!!
> 6) 2.4 Ghz Helmet Cam. The featured pic on the Group list.
> provides instant live video and audio. This was just demo'd at the
> ARRL Southwestern Div convention.
>
> Wonder what will be built for next year?? Sure need ideas!!
>

# 293. Radio reference, theory, antenna and other books FS

Yahoo group: hamradiohomebrew
Date: 2007-01-21 14:35:31 UTC
From: Ken Simpson, W8EK
Topic: 293  Message: 293

Radio Communications theory and reference books, antenna book, and VHF manuals for sale:

Radio Communication Handbook by Radio Society of Great Britain (RSGB) - Fifth edition - both Volume 1 and 2
Two hardback books. This is basically equivalent to the ARRL Handbook, but published by RSGB, with some ideas not found in the ARRL book.
These books are in close to new condition, complete with their dust covers. $20

Electronic Communication by Robert Shrader - 3rd edition
This text book is used in many community colleges, and is an exceptionally thorough, yet easy to understand book covering all aspects of communications, from Ohm's Law on up. 800 page hardback in close to new condition. $20

Modern Electronic Communication by Gary Miller
Similar to Shrader (above), but slightly more advanced.
578 page hardback. $18

Building and using Baluns and Ununs
Practical Designs for the Experimenter
By Jerry Sevick, W2FMI - 1996 - CQ Publishing
The title explains it all! Like new condition. $12

1974 ARRL Antenna book
13th edition of this classic antenna book includes chapters on antenna fundamentals, transmission lines, long wire antennas, multiband antennas, dipoles, and beams for HF and VHF/UHF, along with a lot of other information -- some of it not found in the newer antenna books.
This particular book is in very nice condition, with no torn pages, fading, etc. The covers are nice and are intact. $7

Six Meters - A Guide to the Magic Band
By Ken Neubeck, WB2AMU - 1998 by Worldradio Books
It covers most every aspect of 6 meters, and includes pictures of various 6 meter rigs, as well as a band chart.
Like new. $8

The VHF Amateur by Robert Brown, K2ZSQ/W9HBF
First Edition - 1968 by Editors and Engineers
A lot a information, including schematics and details for

making rigs, and many antenna projects. $4

ARRL "FM and Repeaters for the Radio Amateur"
1972 - First Edition - $ 5

Ham Notebook Volume 1 by Jim Fisk, W1DTY
Many practical hints and projects published by Ham
Radio Magazine. $7

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

# 294. Need Homebrewing Activity!!!

Yahoo group: hamradiohomebrew
Date: 2007-01-24 20:01:29 UTC
From: wa6mhz_1
Topic: 294  Message: 294

In the Winter season, this is the perfect time of year to start a project. It is too cold outside for garden and recreational activities, so about all you can do on leisure is to BUILD! (Or Work ham stations, if you are so inclined.) The only problem might be getting out of the house to go get the parts, if the snow is up to your 2nd Story. Here in San Diego, we have summer year round, but this is our "COLD!!!" season. It has gotten down to freezing at night, but during the day it is the typical 70 or so. So no problem here but in the rest of the world, this might be an issue. What to build? Lately I have been building Heathkits. No, not the normal way, I bought parts off of Ebay and have built several recievers and transcievers. Now have 2 SB-301s, a whole bunch of HW-101s, SB-101s, an SB-102, couple SB-100s,a SB-303, etc. etc. While not a pure homebrew, there is building and soldering required, along with constructing some parts no longer available from scratch. Other times I just have to wait till another parts cache comes along on Ebay to snag and build somemore. I do need project ideas for the 2007 Homebrew contest (only 10 months to go!) Don't think I can whip up something as complicated or extragavent as last years 1.2G/10G transverter (see the photo section) but it should be spectacular whatever it is. Just need a good idea. On the back burner are still the homebrew 2 meter AM transmitter built entirely out of 1965 and earlier parts. I might cheat and use some modern wire, but I am on the lookout for old cotton covered wire from the 40s. But I am having design problems on that and the finished unit would be completely useless other than to look at. Other projects are robbing the circuit from a HW-101 and building a 6 meter version of it, entirely point to point and homebrew. (No PCBs, only Terminal strips allowed!) But that would also be kind of useless for actual use as I have a modern Yaesu FT-736R here to actually work DX on. SO still need ideas of something WORTHWHILE to build. Tearing my hair out on that, but in the meantime, I will build more Heathkits. 73!
WA6MHZ

# 295. ARRL Handbooks FS

Yahoo group: hamradiohomebrew
Date: 2007-02-17 13:24:58 UTC
From: Ken Simpson, W8EK
Topic: 295  Message: 295

ARRL Handbooks for sale:

Condition varies, and is described as accurately as possible.

These are in the smaller format (6 1/2 by 9 1/2 inch size).

1947 - 24th edition
This one is very used, as it should be at 60 years old. The spine is taped, and the cover is partially loose from the binding. This is a very good, usable handbook, but it is not collector quality. There are 150 pages of ads in the back, which show a lot of vintage equipment, tubes, parts, etc. $20

1964 - 41st edition
Extremely good condition. Close to new. Pages are NOT yellowed, cover and spine are in great shape, and all pages are intact. Collectable quality for sure. $35

1968 - 45th edition
Spine is taped, and cover is worn. It shows use, but all pages are intact and good. $10

1969 - 46th edition
Spine taped, and cover is worn. Pages are intact and good. $15

1971 - 48th edition
Spine is faded, pages are intact, and cover is good. Some pages have yellowed, and some have not. $ 14

1973 - 50th edition
Very nice condition throughout; some pages have yellowed. $ 14

1977 - 54th edition
Nice condition. Slight crease on cover $ 10

1978 - 55th edition
Extremely nice condition. $ 12

The following are in the larger 8 1/2 by 11 inch format:

1981 - 58th edition
Spine is faded, and there is a bit of dirt on the cover. Otherwise it is in great shape. $14

1983 - 60th edition
Great condition; no problems. $ 16

1985 - 62nd edition
Like new. $18

1986 - 63rd edition
Close to new condition, although some pages have
yellowed slightly. $18

1993 - 70th edition - Hardbound
Like new, with a very slight yellowing of some pages. $ 20

1996 - 73rd edition
Like new, with disk. $18

2000 - 77th edition
Like new. $20

Prices do not include shipping from Florida.
Shipping via "Media Mail" is inexpensive.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

# 296. "Cross reference" data books FS

Yahoo group: hamradiohomebrew
Date: 2007-03-21 14:49:55 UTC
From: Ken Simpson, W8EK
Topic: 296  Message: 296

For Sale:

Electronic "Cross Reference" Data Books

These books are detailed reference books listing 1000's
and 1000's of different transistors, diodes, ICs and other
solid state devices, and crossing them to NTE or EGC
devices. They also include base diagrams and other
pertinent information. Obviously, different years have
different devices. All are in extremely good physical
condition, and are 8 1/2 x 11 inch paperbacks.

RCA SK Series - Spring 1972 - 96 pages - $9

Semiconductors by GE - 1974 - 74 pages - $ 5

Sylvania ECG - 1976 - 241 pages - $ 7

Sylvania ECG - 1979 - 352 pages - $9

EGC Industrial MRO - 1980 - 207 pages - $7

RCA SK series - 1981 - 409 pages - $9

ECG Master Replacement Guide - 1987 -
700 pages - $11

NTE Technical Guide and Cross Reference
1988 - 604 pages - $9

Archer Semiconductor Reference Guide
1988 - 290 pages - $6

Prices do not include shipping from Florida.
Media Mail shipping is quite inexpensive.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

# 297. Re: Need Homebrewing Activity!!!

Yahoo group: hamradiohomebrew
Date: 2007-03-21 15:41:35 UTC
From: Ian Wilson
Topic: 294  Message: 297

Trying to pick a few practical things from the projects pile/list
(getting a new job put a serious crimp in my homebrewing for a while).

Restoring the RF deck from a nice old 2x807 AM rig with plug-in coils.
This really needs its own PSU (I can't lift the original), and perhaps
it's time to build a differential keyer.

Also, I'd like to build a 6m (tube) linear one of these days. Nothing
preposterous, say 50w from my MFJ 6m rig (5w? PEP I think).

--ian K3IMW

# 298. 2007 Homebrew Project!!!

Yahoo group: hamradiohomebrew
Date: 2007-03-22 15:22:54 UTC
From: wa6mhz_1
Topic: 298  Message: 298

In the past couple weeks, I have just started to build a 6 meter SSB transciever. There was an Estate sale from the late Harley K6DS, and many needed components were found including the beginnings of a rig chassis. It looks to be a Swan or Atlas prototype chassis that never got past the mockup stage. Unpainted and with no parts inside, It did have a front panel and case already drilled and slots cut for a digital readout. That set the stage for adapting the transciever to the existing holes, and building the rig into the existing arrangement of things. First item to be built was the VFO, and lots of tweaking was required to get it to tune from 5 to 5.5 Mhz. With the VFO running, I built a digital readout with ideas stolen from the Atlas 350XL readout yet using available parts. This turned out to be quite a task!
The Atlas display uses fancy HP readouts that have built in decoders, latches and drivers. With none of those left in the world, I used the standard TTL 7475 latch and wanted 7447 decoder/Drivers, but none were found in town. So I found 7446 which worked just fine. Instead of 7490 counters, I used 74LS196 presettable counters so I could make the display say 50.125.0 when the VFO put out 5.000.0 Mhz. Then there were the latch driver flipflops and the time base, which all took a couple weeks to get wired and working. Today it works great, but not without alot of hair tearing, redesign and extensive troubleshooting.
I built the 9 Mhz LSB & USB Carrier oscillators using Surface mount parts and that worked fine too. The Balanced modulator was built but something doesn't fly there so more hair tearing in order. There is still alot left to build and design, and alot of options to deal with. Like, for mixers, I can use SRA-1 Double balanced mixers, but they require high LO levels which would be tricky to build. Or I can use 40673 Dual gate mosfet mixers which work great but suffer from easy overload and crossmod. MC1496P Mixers require alot of parts to get them to work, though I plan on using those for the Balanced modulator and Product detector. And I would like to try the NE602s but haven't been able to find any of those in town. Lots of work left, this will be a several month project, but ought to do well in the November Homebrew Contest. Maybe it will even work!
73

# 299. Re: 2007 Homebrew Project!!! This weeks progress

Yahoo group: hamradiohomebrew
Date: 2007-03-26 13:35:20 UTC
From: wa6mhz_1
Topic: 298  Message: 299

The big news is the acquisition of a Metal shear and brake. But the bigger news about this is that I didn't have to pay for it!!!! They have a simple project here at work that requires some brackets for microwave antennas and an adapter plate was needed. We could have a print drafted, and then sent it out to the metal shop who does all our work, and wait while it is queque'd in order and then have them cut up the aluminum and drill the hole, etc. etc costing hundreds and hundreds of dollars.... OR I CAN DO IT!!! Yes, I convinced them that I can shear out the metal plates and then drill the holes for alot less than the metal shop would charge, I just needed a Metal shear from Harbor Freight. Only $329 plus tax. HOWEVER, buying it and getting it to the plant turned out to be a major problem. This thing weighs 350 lbs!!!! Holy Mackeral!!! That must be as much as a car engine!!! SO it was not something I can throw in my trunk and bring back. We rounded up a guy with a pickup truck, but once at the store, we realized we couldn't even get it off the truck. Several people cannot even lift this!!!! So the boss bought a lift cart, which has a 1000lb rated lift on a heavy cart and that cost another $200. But it sure worked! We unloaded and assembled the cart first, and then slid the Shear out of the truck bed onto the cart table. The wooden carton was removed and the cart pushed over to the designated table. Then the cart was adjusted to exactly the table height and the shear pushed onto the table. WOW is this heavy!!!
So now we have metalworking capabilities, and the Shear wasn't a few hours old before I was making brackets for the Transceiver. Works great!!!
I built an Audio Amplifier as the radio has 2 speakers, and wired that up. An external input was added to the back panel, and now I can listen to my PDA music in great audio sound (though it is lacking bass response). So, atleast that much works. I burned the VFO/digital readout in for a day and the VFO drifted 500 hz. Not too bad, for a homebrew lashup with no temperature compensation or fancy circuit. One MPF102 did blow, and I cannot understand why. The Drain has a 6.2V zener on it, but I measure only 1.4V. All the components are good,though they are surface mount. But it works and didn't blow again yet. I get 330mV P-P RF out of the VFO and buffer, not too good but it will work. Need to investigate what the story is on the zener. It shows 6.2V when the drain is not connected, but drops to 1.4 when hooked up. The source goes to a 100uH choke to ground and has the RF output of the oscillator. It is exactly to the handbook circuit, so what is happenning. Well, back to work!

--- In hamradiohomebrew@yahoogroups.com, "wa6mhz_1" <wa6mhz_1@...> wrote:
>

> In the past couple weeks, I have just started to build a 6 meter
SSB
> transciever. There was an Estate sale from the late Harley K6DS,
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> many needed components were found including the beginnings of a rig
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> Mhz. Then there were the latch driver flipflops and the time base,
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> works great, but not without alot of hair tearing, redesign and
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> I built the 9 Mhz LSB & USB Carrier oscillators using Surface
> mount parts and that worked fine too. The Balanced modulator was
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> There is still alot left to build and design, and alot of
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> alot of parts to get them to work, though I plan on using those for
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Lots
> of work left, this will be a several month project, but ought to do
> well in the November Homebrew Contest. Maybe it will even work!

> 73
>

# 301. Re: 2007 Homebrew Project!!! This weeks progress: More Progress

Yahoo group: hamradiohomebrew
Date: 2007-04-04 23:44:14 UTC
From: wa6mhz_1
Topic: 298  Message: 301

I need to start taking pics of this, it looks just GREAT!!! But still
a long ways to go!
I moved the 5V regulator off of the Digital board to a big
heatsink on the back panel. Before it would run so hot it almost
melts the solder. Now it runs stone cold, what a Difference!!
Drawing 1 Amp from a 1 Amp regulator, so that is at the edge of the
spec!
Next, I worked on the Balanced modulator after I built a Speech
amp. Didn't work. Turned out I had a resistor in the wrong place.
Remember, this is built mostly with Surface mount parts and tiny cut
up pieces of PCB glued onto the larger PCB. The VFO was flaky too,
but that turned out to be a cracked surface mount cap. These parts
are very delicate, not like the leaded resistors and caps!!! I
worked on the Bargraph display, a 20 segment LM3914 array, and that
works great. Use it for now to show the audio coming from the amp
with the music applied. Looks great! Next I had to address the
display bezel and lens. I looked all over for a piece of red plastic
plexiglass, but no luck. Riddout plastic wanted $46 for a 2ft by 4ft
sheet!!! WOW, I only need a 2 inch by 10 inch piece!!11 SO I found
some purple plexiglass at a junk store for $3. But you could see
through it easily to the PCB behind, looked terrible!!! I solved the
problem by going to the Hobby store, and buying some Flat black
paint. Everything behind the panel was painted Flat Black except
where the LEDs show through. WORKED GREAT!!!!! The mode indicator
now indicates "U, L, C,A,F,and P, the last for Packet. Don't know if
I can incorporate an FM Modulator and demod, but will see. Well,
back to work! Looks like a real radio now, but need alot of work on
the RF portions. Still having a problem deciding how to go with the
Mixers. MC1496s or SRA-1s??? Tough choice.
73
Pat, --- In hamradiohomebrew@yahoogroups.com,
"wa6mhz_1" <wa6mhz_1@...> wrote:
>
> The big news is the acquisition of a Metal shear and brake. But
the
> bigger news about this is that I didn't have to pay for it!!!! They
> have a simple project here at work that requires some brackets for
> microwave antennas and an adapter plate was needed. We could have
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> print drafted, and then sent it out to the metal shop who does all
> our work, and wait while it is queque'd in order and then have them
> cut up the aluminum and drill the hole, etc. etc costing hundreds
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> I can shear out the metal plates and then drill the holes for alot
> less than the metal shop would charge, I just needed a Metal shear
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> handbook circuit, so what is happenning. Well, back to work!
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> --- In hamradiohomebrew@yahoogroups.com, "wa6mhz_1" <wa6mhz_1@>
> wrote:
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> > of work left, this will be a several month project, but ought to
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> > well in the November Homebrew Contest. Maybe it will even work!
> > 73
> >
>

# 302. Re: [hamradiohomebrew] Re: 2007 Homebrew Project!!! This weeks progress: More Progress

Yahoo group: hamradiohomebrew
Date: 2007-04-05 16:08:22 UTC
From: Roy J. Tellason
Topic: 298  Message: 302

On Wednesday 04 April 2007 19:44, wa6mhz_1 wrote:
> I worked on the Bargraph display, a 20 segment LM3914 array, and that
> works great. Use it for now to show the audio coming from the amp
> with the music applied. Looks great!

For audio, the 3915 is probably a better choice.

--
Member of the toughest, meanest, deadliest, most unrelenting -- and
ablest -- form of life in this section of space,  a critter that can
be killed but can't be tamed.  --Robert A. Heinlein, "The Puppet Masters"
-
Information is more dangerous than cannon to a society ruled by lies. --James
M Dakin

# 303. VFO Drift??

Yahoo group: hamradiohomebrew
Date: 2007-04-05 19:02:08 UTC
From: wa6mhz_1
Topic: 303  Message: 303

I have a 5-5.5 Mhz VFO built out of standard circuits from the Handbooks and such using a MPF-102 Jfet and a good stable tuning capacitor and coil. But it continually drifts down in frequency over time and doesn't seem to stabilize out. It is a slow drift, for example I have seen it go down 600 Hz here in the past 6 hours. I do have 1 NPO 22 Pf cap in the circuit but it doesn't seem to be doing much. Any ideas how to kill this drift? I am using mostly surface mount chip caps, so don't know their temp response or such. No undue heat is used, just an enclosed box, regulated power supply and Zener (voltage stays stable).
Thanks and 73
Pat WA6MHZ

# 304. Re: 2007 Homebrew Project!!! This weeks progress: More Progress

Yahoo group: hamradiohomebrew
Date: 2007-04-05 19:07:27 UTC
From: wa6mhz_1
Topic: 298  Message: 304

--- In hamradiohomebrew@yahoogroups.com, "Roy J.
Tellason" <rtellason@...> wrote:
Thanks, Roy.
I thought about the LM-3915 but the primary use of this meter is for measuring voltage input (0-20V in for 20 LEDs, is pretty linear) and for the S-Meter and RF Power output display. I hooked up the Audio Amp output just because it looked pretty and was a good use for the display when the radio is in the External Audio input mode to use with the PDA and I-Pod. It does need more Bass, but maybe I will have to get bigger speaker with larger magnets to get that. SO I went with the 3914 which is very linear and makes a great bargraph. One problem not yet solved, though, is how to Zero set the S-Meter when the system uses one side of the meter circuit input already grounded. Conventional S-Meters offset the negative side to compensate for DC levels floating above ground when the AGC is at minimum. I probably will have to use some Op Amps and tricky circuits to compensate for the offset.
Thanks again, Roy, will keep you and all here posted on the progress!
73 Pat

>
> On Wednesday 04 April 2007 19:44, wa6mhz_1 wrote:
> > I worked on the Bargraph display, a 20 segment LM3914 array, and
that
> > works great. Use it for now to show the audio coming from the amp
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> For audio, the 3915 is probably a better choice.
>
> --
> Member of the toughest, meanest, deadliest, most unrelenting -- and
> ablest -- form of life in this section of space,  a critter that can
> be killed but can't be tamed.  --Robert A. Heinlein, "The Puppet
Masters"
> -
> Information is more dangerous than cannon to a society ruled by
lies. --James
> M Dakin
>

# 305. Giveaway test equipment

Yahoo group: hamradiohomebrew
Date: 2007-04-11 15:38:15 UTC
From: Ed Greany
Topic: 305  Message: 305

Hi everyone,

I'm always happy to find a good group that has a moderator that eliminates (or attempts) spam postings. I do it on my lists and appreciate it when other owners do the same.

I thought I'd see if someone here can use some test equipment I have no use for. Perhaps it will help you either build or repair your project(s).

First, I have an EICO sig gen. signal tracer. It is model 147A. Works on 110A/C and I have one probe with it.

Last, I have an EICO flyback transformer and yoke testor. It's used mostly with TV repair but perhaps can also be used with other CRT applications. It was given to me and I have absolutely no use for it but do not wish to deprive someone who can use it. It is model 944 and in good condition. I do not have probes for it.

I do not know if either of these pieces of test equipment are operational but they look like it.

They are free for simply paying the postage to receive them or it. Photos available if you need to see them.

Looking forward to some good dialog here on the new site. GOOD JOB owner.

Ed Greany, KB6DOL / KAD6554

# 306. Re: VFO Drift??

Yahoo group: hamradiohomebrew
Date: 2007-05-01 16:25:48 UTC
From: Ian Wilson
Topic: 303  Message: 306

Pat,

If it's a Colpitts oscillator, I would look at the two large valued caps across the LC and try replacing them with something more stable. Another source of drift is the inductor. One of the best solid-state VFOs that I built has a toroid that I boiled for a few minutes following the suggestion in one of Roy Llewallen's books (I forget where exactly).

73, ian K3IMW

# 307. Looking for a couple of MC145151-2 PLLs

Yahoo group: hamradiohomebrew
Date: 2007-05-01 16:33:16 UTC
From: Ian Wilson
Topic: 307  Message: 307

I have in mind a somewhat retro PLL project, using jumpers for frequency selection. The MC145151 is perfect for this. The only supplier I can find is Futurelec, and it's $6 a piece. Anyone know of a cheaper supply? Trade a couple?

73, ian K3IMW

# 308. New group pic

Yahoo group: hamradiohomebrew
Date: 2007-05-03 19:20:39 UTC
From: wa6mhz_1
Topic: 308  Message: 308

I had my rinkydink Camera phone out so I took a pic of the new front panel and cabinet of the 6 meter rig. Looks absolutely Beautiful! But it still needs alot of guts inside. All the RX and TX strips and Power amp. VFO,Digital display, audio amp and circuitry are complete and ready to go. So it looks like it is done but is really a long ways from it. I have had alot of business trips lately that cut into my homebrewing time. But atleast the group can see the rig!
73
Pat WA6MHZ

# 309. New poll for hamradiohomebrew

Yahoo group: hamradiohomebrew
Date: 2007-05-06 15:51:34 UTC
From: hamradiohomebrew@yahoogroups.com
Topic: 309  Message: 309

Enter your vote today! A new poll has been created for the
hamradiohomebrew group:

What kind of Homebrew do you do?

o Tubes/Vintage components
o Transistors
o ICs
o Surface mount
o Microprocessor/PICs
o Cables
o Software

To vote, please visit the following web page:
http://groups.yahoo.com/group/hamradiohomebrew/surveys?id=1842432

Note: Please do not reply to this message. Poll votes are
not collected via email. To vote, you must go to the Yahoo! Groups
web site listed above.

Thanks!

# 310. ARRL Handbooks and many other ham publications FS

Yahoo group: hamradiohomebrew
Date: 2007-05-12 13:09:07 UTC
From: Ken Simpson, W8EK
Topic: 310  Message: 310

Many Ham Publications For Sale:

ARRL Handbooks:

These are in the smaller format (6 1/2 by 9 1/2 inch size).
They are vintage, and contain tube tables and other
vintage information not in the newer handbooks.

1947 - 24th edition
This one is very used, as it should be at 60 years old. The spine
is taped, and the cover is partially loose from the binding. This is
a very good, usable handbook, but it is not collector quality. There
are 150 pages of ads in the back, which show a lot of vintage
equipment, tubes, parts, etc. $20

1971 - 48th edition
Spine is faded, pages are intact, and cover is good. Some
pages have yellowed, and some have not. $ 15

1973 - 50th edition
Very nice condition throughout; some pages have yellowed. $ 15

1977 - 54th edition
Slight crease on cover $ 13

1978 - 55th edition
Extremely nice condition. $ 15

The following are in the larger 8 1/2 by 11 inch format:

1983 - 60th edition
Great condition; no problems. $ 16

1985 - 62nd edition
Like new. $18

1986 - 63rd edition
Close to new condition, although some pages have
yellowed slightly. $18

1993 - 70th edition - Hardbound
Like new, with a very slight yellowing of some pages. $ 20

1996 - 73rd edition
Like new, with disk. $18

Other publications:

ARRL "Specialized Communications Techniques
for the Radio Amateur" - 1975 - First Edition - $7

ARRL "RFI Book"
1999 - First Edition - like new - $12

ARRL "Understanding Amateur Radio"
1977 - $5

ARRL "Satellite Anthology"
1999 - 5th edition - like new - $11

ARRL "Weather Satellite Handbook"
1990 - 4th edition - like new - $11

ARRL "Your Gateway to Packet Radio"
1989 - 2nd edition - $6

ARRL Operating an Amateur Radio Station
1983 - 61st edition - $3

FCC "Interference Handbook"
1986 edition - $4

ARRL "Radio Amateurs Operating Manual"
1985 - 2nd edition - $8

ARRL FCC Rule book
1988 - seventh edition - $3
1989 - eighth edition - $3
2004 - 13th edition - $10

RSGB "Amateur Radio Operating Manual"
1982 - 2nd edition - $8
1991 - 3rd edition - like new - $10

ARRL Public Service Communications
1985 - Ninth edition - $3
1990 - no edition number listed - $3

ARRL Amateur Radio Field Resources Directory
1986-87 - First edition - $ 8

FCC "Interference Handbook"
1986 edition - $4

Nostalgic ham licensing materials for sale:
All books are in very good, or better, condition.

General Class Amateur License Study Guide
By W0XI; published by Sams
First Edition - 1979 - $ 3

Amateur Radio Advanced Class License Study Guide
By Jim Kyle and Ken Sessions; Tab Publishing

1975 - 2nd edition - $ 3

Amateur Radio General Class License Study Guide
By Jim Kyle and Ken Sessions; Tab Publishing
1975 - 2nd edition - $ 3

ARRL License Manuals
1979 - 77th edition - $3
1984 - 79th edition - $3
1984 - 80th edition - $3
Technician - 1989 - First edition - $3
General - 1989 - First edition - $3
General - 1997 - Second edition - $6
Advanced - 1985 - First edition - $3
Extra - 1988 - Third edition - $3

ARRL Technician Class Exam course
1993 - First Edition - $5

1981 Foreign Callbook - Good condition - $ 4

Electronic "Cross Reference" Data Books

These books are detailed reference books listing 1000's
and 1000's of different transistors, diodes, ICs and other
solid state devices, and crossing them to NTE or EGC
devices. They also include base diagrams and other
pertinent information. Obviously, different years have
different devices. All are in extremely good physical
condition, and are 8 1/2 x 11 inch paperbacks.

RCA SK Series - Spring 1972 - 96 pages - $9

Semiconductors by GE - 1974 - 74 pages - $ 5

Sylvania ECG - 1976 - 241 pages - $ 7

Sylvania ECG - 1979 - 352 pages - $9

EGC Industrial MRO - 1980 - 207 pages - $7

RCA SK series - 1981 - 409 pages - $9

ECG Master Replacement Guide - 1987 -
700 pages - $11

NTE Technical Guide and Cross Reference
1988 - 604 pages - $9

Archer Semiconductor Reference Guide
1988 - 290 pages - $6

The following Texas Instrument Data Books are available.

BiCMOS Bus Logic Interface - 1988 - $ 2

Boundary-Scan Logic IEE Std 1149.1 (JTAG)
5V and 3.3 V Bus interface and scan support Products
1994 - $ 3

LVDS Application and Data Handbook - 2003 - $ 3

The Voltage Regulator Handbook - 1977 - $ 6

Prices do not include shipping from Florida.
"Media Mail" is inexpensive.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

# 312. Revised Group on Yahoo for tube type equiment of all sorts.

Yahoo group: hamradiohomebrew
Date: 2007-05-20 17:33:56 UTC
From: Dave
Topic: 312  Message: 312

Everyone,

I found out a few weeks ago that I'd been named moderator of a group on Yahoo sometime ago with out my knowledge.

It had been taken over by spammers. I've slightly modified the group, booted the spammers, and would like to invite any tube fans to join.

Membershiip is open, but messages are moderated to keep the spammers out.

The group is: groups.yahoo. com/group/ HollowState. It is for the discussion, of radios, accessories, amps, test equipment, etc. of the era. If it glows in the dark and keeps your feet warm it is fair game.

It is ok to buy, sell, and trade for individuals, but not businesses.

Please come look it over. Of course I'm always open to ideas for it.

Thanks and 73,

Dave, N0TXJ

# 313. A little different type of Homebrew

Yahoo group: hamradiohomebrew
Date: 2007-07-07 16:12:09 UTC
From: wa6mhz_1
Topic: 313  Message: 313

Most of the time, when we think of building something, we build it from scratch. Maybe all of it, even the Chassis if we have good metalworking skills. But what if we wanted to make a commercially made radio from scratch. And so, this is the case when I wanted a Heathkit SB-640 Remote VFO.
These VFOs go for a fortune when they show up on Ebay. I was routinely blown away at over $100, as Heathkit collectors seemt to be very rich. But what is a radio anyway? A collection of assembled parts! So, over the period of a year, I collected all the parts I needed to build a SB-640. I was worried I would have to fabricate the front panel, but one of those came on and I nailed it. So, we have all the parts, errr MOST of the parts. The most critcal item was still missing: The Chassis.
Not having one to measure from, I did the next best thing. I reverse engineered it from the front panel and cabinet. But with a SB-640, it has the Heathkit LMO and a fancy dial arrangement which meant a very difficult chassis to manufacture. I was fortunate to talk the boss where I work into buying a Harbor Freight Metal shear and brake. So after an extensive research of how it should all fit together, I began to cut and bend the aluminum chassis. The area where the dial sits has an unusual cutout and bend, so that was carefully charted and bent. I used a nibber to cut out the unwanted metal to make the special area for the dial. Finally it was ready to try. OH OH!!! I forgot about the rounded cabinet and the chassis wouldn't fit in!!! Out comes the Nibbler again and notches cut in the corners to compensate for the curving. At last it fit and looked great. I was almost ready to assemble the SB-640 when I "accidentally" won another on Ebay!! OK, so now I will have 2. A Heathkit stock one and a "HOMEBREW" SB-640 as well. Bet they both work great!
73

# 314. Re: [hamradiohomebrew] A little different type of Homebrew

Yahoo group: hamradiohomebrew
Date: 2007-07-07 23:16:23 UTC
From: Dave Springer
Topic: 313  Message: 314

That is cool!

Feel free to check out the Hollow State group too. It is for tubeheads.

73,

Dave, N0TXJ

wa6mhz_1 <wa6mhz_1@...> wrote:
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73

---
Don't get soaked. Take a quick peak at the forecast
with theYahoo! Search weather shortcut.

# 315. An Easy homebrew project everyone really needs!

Yahoo group: hamradiohomebrew
Date: 2007-07-19 15:10:41 UTC
From: wa6mhz_1
Topic: 315  Message: 315

Suppose you are designing a circuit that has an unknown value of resistor, like for a Voltage regulator or such. You know the approximate value, say 150 Ohms, but a precise value is needed for the circuit to work. Why not use a Resistor Substitution box or one of those Decade resistor boxes? Well, They work but are not as precision or easy to maneuver the resistance as needed. And so was the situation here at WA6MHZ; a "special" resistance box was desired. Here is a project you can build with a minimal amount of parts and time, and have an item you will use time and time again, thanking yourself over and over for building it.
The Rat Ranch Resistance Sub box has 6 pots, all 10 turn varieties, which allow smooth precise change of the resistance throughout the range of 0 to 1.111 Megohm. It can vary the resistance at, say 500K by as little as .1 ohm!! This is because as the range increases, all the pots to the left are still active and act as fine tuning controls. Notice the pushbutton marked TEST OHMS on the top left. Pressing this immediately transfers the Resistance to an Ohmmeter, so the exact value can be read. There is also a ZERO OHMS for zeroing the Ohmmeter or applying a short to the circuit under test.
The entire project took under 4 hours to complete, and that is including Going to the store and buying the parts!! A rotary switch selects the range, so that higher range pots don't mess with the low ohms positions. I found the 6 pots at our local junk store and wired them up after drilling the chassis. It is nice to have a label maker machine here at work to make the project look nice. The R-Sub box is already in use and will be an invaluable tool here on the Desk. Much much more useful than the several hundred dollar Decade R-box the company bought! You need one of these too! Photos are in the photo section.

# 316. A new homebrew project: SB-60

Yahoo group: hamradiohomebrew
Date: 2007-08-20 14:31:44 UTC
From: wa6mhz_1
Topic: 316  Message: 316

What is a SB-60? It is a Heathkit product they never made, mostly because the band was not available in that era. The new Ham band of 60 meters, roughly in the 5-5.5 Megacycle range, is also the same frequency as the VFO so not sure what problems that will introduce. There are 5 channels, all USB and a 50W limit on the band. So this will introduce some serious design challenges that may or may not work, depending on the outcome. Design calls for using the standard LMO of the SB series, along with the dial drive and many of the stock Heathkit circuit boards. No need for CW filters, CW is not allowed on 60M! No LSB, RTTY or AM either. And 1 6146 ought to be good enough for the 50W maximum output. The start of the project began with a case I found at a garage sale. It is not a stock SB case, but one from a later series, maybe a PS to the SB-104 as it is narrower than the SB-101. No fliptop lid either. I will have to fashion a front and rear panel from scratch and then the chassis as well, accomodating the Heathkit circuit boards and LMO. Rules are: NO post 1970 parts allowed (This may be fudged as I can use 2007 wire, solder and resistors.) ALL TUBES!!! It is tough to find High voltage capacitors anymore 100V is considered high these days. Good thing I have an extensive junkbox. Will have to order a Hetrodyne crystal, but the LMO and band being the same still worries me. The FCC requires precise frequency adherence, so even the 1KC calibration and Xtal calibrator may not be close enough. Will see how or if it works. But just one more Homebrew project underway!
73!

# 317. Re: A new homebrew project: SB-60

Yahoo group: hamradiohomebrew
Date: 2007-08-21 22:06:50 UTC
From: kiyoinc@attglobal.net
Topic: 316  Message: 317

"wa6mhz_1" wa6mhz_1@... wa6mhz_1 wrote:

> The FCC requires precise frequency adherence, so even the 1KC
> calibration and Xtal calibrator may not be close enough. Will see
> how or if it works. But just one more Homebrew project underway!

Since there are only 5 channels, why not go crystal controlled?

Start with one crystal and 5 sockets. After you get the radio working
nice, add the others if you feel like it.

de ah6gi/4

# 318. Re: A new homebrew project: SB-60

Yahoo group: hamradiohomebrew
Date: 2007-08-21 23:37:02 UTC
From: wa6mhz_1
Topic: 316  Message: 318

Thinking about it, the Heathkit HW-18 is probably the way to go. It is already a 4 channel crystal control for the 4 Mhz band, designed for Civil Air Patrol during the 60s. It had USB and a clarifier, a perfect match for 60 meters. But then, there are lots of HW-18s around. Hey, that might make a good QST Article! Putting a 40-50 year old radio on 60 meters!!! I better bid on the next one that comes on Ebay! The only problem is that International Crystal wants $20 a rock, so thats $100 in crystals alone!!!! Maybe I can grind some old FT-243 surplus rocks to the right freq using the told toothpaste method!! I already have 2 HW-18s but they are in Museum duty.
Thanks and 73
Pat

--- In hamradiohomebrew@yahoogroups.com, kiyoinc@... wrote:
>
> "wa6mhz_1" wa6mhz_1@... wa6mhz_1 wrote:
>
> > The FCC requires precise frequency adherence, so even the 1KC
> > calibration and Xtal calibrator may not be close enough. Will
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> > how or if it works. But just one more Homebrew project
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>
> Start with one crystal and 5 sockets. After you get the radio
working
> nice, add the others if you feel like it.
>
> de ah6gi/4
>

# 319. Re: [hamradiohomebrew] Re: A new homebrew project: SB-60

Yahoo group: hamradiohomebrew
Date: 2007-08-22 05:18:13 UTC
From: Dave Springer
Topic: 316  Message: 319

The good news, there is a very simple mod available from the Florida wing to change the Hot Water 18s into ten channel units, The bad news is that even in their day the Hot Water 18s' were VERY unstable radios.

73,

Dave

wa6mhz_1 <wa6mhz_1@...> wrote:
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> "wa6mhz_1" wa6mhz_1@... wa6mhz_1 wrote:
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working
> nice, add the others if you feel like it.
>
> de ah6gi/4
>

---
Building a website is a piece of cake.
Yahoo! Small Business gives you all the tools to get online.

# 320. Required

Yahoo group: hamradiohomebrew
Date: 2007-08-22 10:09:46 UTC
From: Omar Shabsigh
Topic: 320  Message: 320

Dear Friends:

Can anybody, please give me a site to find construction details for a simple HF transmitter and a receiver.

Thank you

Best 73

Omar, YK1AO

# 321. Re: Required

Yahoo group: hamradiohomebrew
Date: 2007-08-22 16:27:06 UTC
From: wa6mhz_1
Topic: 320  Message: 321

Hi Omar
Welcome to our group!!! I am so pleased to hear from you, You were my first and only YK contact from back in the 80s I believe. I have your QSL in my very prized DXCC Book. Thanks so much, great you are still around.
As for the transmitter and Receiver, your best bet is to Google around under "HOMEBREW RECEIVER and TRANSMITTER" I have found several schematics on the web for QRP rigs, SSB sets and cw sets. I will look some more and post up what I can find. Am at work right now so have to have a low profile till after hours.
Again, great to see you here, Omar!
73!
Pat

--- In hamradiohomebrew@yahoogroups.com, "Omar Shabsigh" <shabs.om@...> wrote:
>
> Dear Friends:
>
> Can anybody, please give me a site to find construction details for a simple HF transmitter and a receiver.
>
> Thank you
>
> Best 73
>
> Omar, YK1AO
>

# 322. Re: A new homebrew project: SB-60

Yahoo group: hamradiohomebrew
Date: 2007-08-22 20:42:45 UTC
From: kiyoinc
Topic: 316  Message: 322

--- In hamradiohomebrew@yahoogroups.com, "wa6mhz_1" <wa6mhz_1@...> wrote:

> But then, there are lots of HW-18s
> around. Hey, that might make a good QST Article! Putting a 40-50
> year old radio on 60 meters!!! I better bid on the next one that
> comes on Ebay! The only problem is that International Crystal wants
> $20 a rock, so thats $100 in crystals alone!!!!

Get one $20 custom rock and have at it. Leave the other sockets empty
until there's enough interest for someone to make a bulk order.

Whatever frequency you choose, declare it the HW-18/SB-60 National
Calling Frequency, er, channel.

de ah6g/4

# 323. Re: [hamradiohomebrew] Re: Required

Yahoo group: hamradiohomebrew
Date: 2007-08-23 09:30:37 UTC
From: Omar Shabsigh
Topic: 320  Message: 323

Hi Pat;

Of course I remember you. Nice to hear from you. I hope all is OK with you.

Thank you for the hint. I shall follow it. Take care.

73

Omar YK1AO

----- Original Message -----
From: wa6mhz_1
To: hamradiohomebrew@yahoogroups.com
Sent: Wednesday, August 22, 2007 7:27 PM
Subject: [hamradiohomebrew] Re: Required

Hi Omar
Welcome to our group!!! I am so pleased to hear from you, You were my
first and only YK contact from back in the 80s I believe. I have
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several schematics on the web for QRP rigs, SSB sets and cw sets. I
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now so have to have a low profile till after hours.
Again, great to see you here, Omar!
73!
Pat

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Shabsigh" <shabs.om@...> wrote:
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> Dear Friends:
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a simple HF transmitter and a receiver.
>
> Thank you
>
> Best 73
>
> Omar, YK1AO
>

# 324. Re: [hamradiohomebrew] Re: Required

Yahoo group: hamradiohomebrew
Date: 2007-08-23 10:41:03 UTC
From: Omar Shabsigh
Topic: 320  Message: 324

High Pat:

I looked through 6 pages of google's search (60 sites). I could not find a satisfactory design Most are old tube designs. The others mostly have missing information.

Thank you and 73

Omar YK1AO

----- Original Message -----
From: wa6mhz_1
To: hamradiohomebrew@yahoogroups.com
Sent: Wednesday, August 22, 2007 7:27 PM
Subject: [hamradiohomebrew] Re: Required

Hi Omar
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Pat

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> Omar, YK1AO
>

# 325. CES 510SA Smart Patch MK3870 uP available

Yahoo group: hamradiohomebrew
Date: 2007-08-26 17:59:13 UTC
From: vintageaudio2004
Topic: 325  Message: 325

Guys, I hope its ok to post this here...

I have for sale a small stock of NOS original factory ordered (way back then) MK3870 microprocessor chips for the CES 510SA Smart Patch.

For more info please use this shortcut:
http://miwww.com/click?131

Or email me direct with any questions.

Thanks.
-Alex

# 326. Radio Communications theory and reference books FS

Yahoo group: hamradiohomebrew
Date: 2007-09-01 14:29:25 UTC
From: Ken Simpson, W8EK
Topic: 326  Message: 326

Radio Communications theory and reference books for sale:

Modern Electronic Communication by Gary Miller
This text book is used in many community colleges, and is an
exceptionally thorough, yet easy to understand book covering all
aspects of communications, from Ohm's Law on up.
Hardback in very nice condition. $18

ARRL "Single Sideband for the Radio Amateur"
1970 - Fifth edition - like new - $10

ARRL "Specialized Communications Techniques
for the Radio Amateur" - 1975 - First Edition - $7

ARRL "RFI Book"
1999 - First Edition - like new - $12

ARRL "Understanding Amateur Radio"
1977 - $5

ARRL "Satellite Anthology"
1999 - 5th edition - like new - $10

ARRL "Weather Satellite Handbook"
1990 - 4th edition - like new - $10

ARRL "Your Gateway to Packet Radio"
1989 - 2nd edition - $6

ARRL "Radio Amateurs Operating Manual"
1985 - 2nd edition - $8

RSGB "Amateur Radio Operating Manual"
1982 - 2nd edition - $8
1991 - 3rd edition - like new $10

ARRL Handbooks:

These are in the smaller format (6 1/2 by 9 1/2 inch size).
The small format handbooks include tube charts
and tube data, plus vintage advertisements.

1969 - 46th edition
Cover is loose, but is there. All pages are intact, and all
data present. $10

1971 - 48th edition
Spine is faded, pages are intact, and cover is good. $12

1973 - 50th edition
Very nice condition throughout. $13

1977 - 54th edition
Good condition. $10

1978 - 55th edition
Extremely nice condition. $13

The following are in the larger 8 1/2 by 11 inch format:

1981 - 58th edition
Nice shape. $14

1982 - 59th edition
Good condition. $12

1983 - 60th edition
Great condition; no problems. $ 16

1985 - 62nd edition
Like new. $18

1986 - 63rd edition
Close to new condition. $18

1993 - 70th edition - Hardbound
Like new. $ 20

1981 Foreign Callbook
Very nice condition, with only slight wear. Back cover
features the Kenwood TS-830 and accessories. $5

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

# 327. Variac Powerstat FS

Yahoo group: hamradiohomebrew
Date: 2007-09-01 14:49:23 UTC
From: Ken Simpson, W8EK
Topic: 327  Message: 327

Variac Powerstat for sale:

Powerstat by Superior Electric
This is usually generically called a Variac, but this one is
made by Superior Electric, instead of the Variac Company.

This unit is a variable autotransformer. It is used only on AC.
An input of 120 V AC is applied, and the large knob is turned
to produce an AC output voltage from 0 up to 140 Volts. It is
often used to slowly bring the voltage up on rigs that have been
in storage for a long time, and might have bad capacitors, or
capacitors that need to be reformed.

This one is good for up to 7.5 amps which is an ideal rating for
most ham purposes. Actually, it could be used to slowly bring
even linear amplifiers up to voltage, provided the variac is
removed before actual use.

This one includes the large control knob, works fine and is
mounted on a metal panel.

$40 plus shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

# 328. Progress Stalled!

Yahoo group: hamradiohomebrew
Date: 2007-09-10 14:20:08 UTC
From: wa6mhz_1
Topic: 328  Message: 328

I have spent every lunchtime here at work trying to get past the problem of the RF stages on the 6 meter SSB rig seen on the groups front page. Though it looks great and working, it has only the VFO, digital display, and audio stages working. The Balanced modulator, 9 Mhz BFO and speech amp are breadboarded and work, but thats where progress was halted. After searching all the ARRL handbooks, websites and every scrap of data I can find, it seems no one has ever built exactly what I need and piecing it together is a major task. I have collected most of the parts I could use, Double balanced mixers, mosfets, transistors, NE-602s, more MC1496's, MC1350s and lots of other parts, but getting the correct configuration has been the trial! Another stalling point is packaging the assemblies inside the rig. Yaesu used edge cards and sockets, but those create intermittents. I did use one for the digital readout card, but that was because the proto board used that edge connector. Shall each assembly be made in a box made of cut up PCB? If so, then how will the signals be brought out. Provisions need to be made for servicing and aligning the modules once installed. As a Test Technician, I more appreciate servicability than Engineers do. It is great to have test points and accessibly pots and variable caps. Modules need to be removable for test and troubleshoot while still bding operationable in the circuit. One possibility is extenders, but those introduce other problems. I do have a supply of RCA jacks, which would be suitable for RF use. For power/logic signals, I need a bunch of feedthru caps. And I just can't find the right circuit to use for the IF amps and RX/TX mixers. DBMs require high LO power, NE602s have their shortcomings too. So the search goes on for the perfect circuit. But it looks like this years Homebrew contest November 8th is a tough deadline. Maybe it will be finished next year. That is a problem with Homebrew versus Kits. The design is the toughest part. And it is always foolish to build before the circuit is designed, as it may mean tearing it all apart and starting over. I have a 2 inch folder full of circuits collected and none of them are just what I want. But work goes on, I picked up some variable caps this Saturday and the NTE replacement for a MRF476 which will be the Radio's final RF output transistor, though 4 watts is a little QRP. Back to work!

# 330. Welcome new members!!

Yahoo group: hamradiohomebrew
Date: 2007-09-28 13:55:52 UTC
From: wa6mhz_1
Topic: 330  Message: 330

I know posts have been abit slow lately. We need more input and photos of what you built. Plenty of room in the files and photos section to put whatever you like. If you have an article you would like to submit, just put it in a PDF or something like that and put it in the files section. I want to keep the group actively discussing what you would like to build and how you built it. I am being pestered here at work so not much happening lately. Imagine that, they actually want me to work on COMPANY items instead of my projects! Some of the best ideas come from what you come across at swapmeets and on Ebay. I recently won a 2 meter receiver kit on Ebay where the board was already built, but it was incomplete. So here is where Homebrewing comes into play. I will redesign the packaging to make it more attactive and useful. Maybe add features not on the original project. Add a power supply and battery pack. Add more winking lights and bells/whistles. Plenty of options when Homebrewing is involved. Will post pics of it when it is complete. So, new members, what are you building? Lets hear all about it.
73

# 331. Re: Required

Yahoo group: hamradiohomebrew
Date: 2007-10-01 18:21:16 UTC
From: Ian Wilson
Topic: 320  Message: 331

Hi Omar,

I would suggest getting hold of a copy of 'Experimental Methods in RF Design', Hayward et al, published by the ARRL.

There is an immense amount of very practical material in there, together with a number of complete projects.

73, ian K3IMW

# 332. Here are some links!

Yahoo group: hamradiohomebrew
Date: 2007-10-17 14:32:18 UTC
From: wa6mhz_1
Topic: 332  Message: 332

Found these today on QRZ for Homebrewing SSB Transcievers.

http://www.phonestack.com/farhan/bitx.html

heres a nice kit, I suppose you could rob the schematic and homebrew
it.
http://www.qrpkits.com/mmr40.html

Another Yahoo group has a SDR radio open for homebrew.
http://groups.yahoo.com/group/softrock40/

Finally, the new NOV 2007 QST has an article on page 39 for a SSB rig
using SA612s. I plan on robbing ideas from all of these to make more
progress on the 6M SSB rig I am building. I especially like the use
of a CMOS analog switch for filter switching. 74HC4053 3pole double
throw switch! I have been so frustrated in finding a way to switch
the filter from RX to TX. Hope this give some folks a few ideas too!
73

# 333. Another New Guy!

Yahoo group: hamradiohomebrew
Date: 2007-10-26 17:34:30 UTC
From: Bob Macklin
Topic: 333  Message: 333

I am a retired EE. I got my original ticket in 1957.

The rainy season is starting here in Puget Sound. So it's time to get back to indoor projects. Here's waht I have in process:

1. DSP HF Receiver. This is intended to a full blown DSP based HF ALL MODE receiver. The controller uP and frequency reference are working. This is a time consuming project. But it may be operational by the time the HF propagation returns.

2. GAL Blaster. My old universal devise programmer is out of dat. It is a unit from JDR and it uses a ISA interface card. My new computer has no ISA slots and my server only has 2. The software for is DOS based. I was unable to get any documentation from JDR even though they no longer support this product. So I did som research and decieded to mak a new GAL programmer using a serial port interface.

3. Radio Tracker. My summertime activity is flying FREEFLIGHT model airplanes. These are serious mosel airplanes. Some are major investments with very expensive antique engines. The tracking systems that are available are also very expensive. I have developed a small tracking transmitter that will work with either a VHF FM scanner or a 2M FM tranceiver. The breadboard is working and I am in the process of assembleing the prototype test units.

4. HF Antenna tuner. I have two HF stations. One is a complete (almost) Heath SB-301/SB-401 SSB station. The second is a Heath Novice station cosisting of a DX-60, Hg-10, and HR-10. Since both stations are under 200W I don't need a 1KW tuner. I am building a 300W (I THINK) antenna tuner. I hope to finish the tuner this winter.

Bob Macklin
K5MYJ
Seattle, Wa.

# 334. Re: Another New Guy!

Yahoo group: hamradiohomebrew
Date: 2007-10-26 23:41:36 UTC
From: wa6mhz_1
Topic: 333  Message: 334

Thanks, Bob!
You are our 100th Member!!! Wish we could all have some cake now!!
Sounds like your Homebrew projects are spectacular!! If you like,
please post any pics in photos page! Everyone would love to see what
you, and everyone else is building!!!
73

--- In hamradiohomebrew@yahoogroups.com, "Bob
Macklin" <rottenrobbie0@...> wrote:
>
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>
> The rainy season is starting here in Puget Sound. So it's time to
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>
> 4. HF Antenna tuner. I have two HF stations. One is a complete
> (almost) Heath SB-301/SB-401 SSB station. The second is a Heath

> Novice station cosisting of a DX-60, Hg-10, and HR-10. Since both
> stations are under 200W I don't need a 1KW tuner. I am building a
300W
> (I THINK) antenna tuner. I hope to finish the tuner this winter.
>
> Bob Macklin
> K5MYJ
> Seattle, Wa.
>

# 335. Re: [hamradiohomebrew] Re: Another New Guy!

Yahoo group: hamradiohomebrew
Date: 2007-10-27 01:09:33 UTC
From: Bob Macklin
Topic: 333  Message: 335

I will post photos when there is something worth it.

I am one of those people that get distracted and don't always complete projects promptly. But now the rainy season in moving in so my outdoor activities will be less frequently.

But he Radio Tracker is an imortant project. I have the prototype PCB done. The first of the month I will get the parts to build 3 of them. At that point I will have something to photograph.

The Tracker Transmitter is a 2M FM unit. it has a power input of just about 100MW, While it operates on the 2M ham band it is intended to be a Part 15 device. We have measured close to 1/2 mile with a 2M HT with a 19" whip. It will do probably twice that with a better antenna.

--- wa6mhz_1 <wa6mhz_1@...> wrote:

> Thanks, Bob!
> You are our 100th Member!!! Wish we could all have
> some cake now!!
> Sounds like your Homebrew projects are spectacular!!
> If you like,
> please post any pics in photos page! Everyone would
> love to see what
> you, and everyone else is building!!!
> 73
>
> --- In hamradiohomebrew@yahoogroups.com, "Bob
> Macklin" <rottenrobbie0@...> wrote:
> >
> > I am a retired EE. I got my original ticket in
> 1957.
> >
> > The rainy season is starting here in Puget Sound.
> So it's time to
> get
> > back to indoor projects. Here's waht I have in
> process:
> >
> > 1. DSP HF Receiver. This is intended to a full
> blown DSP based HF
> ALL

> > MODE receiver. The controller uP and frequency
> reference are
> working.
> > This is a time consuming project. But it may be
> operational by the
> > time the HF propagation returns.
> >
> > 2. GAL Blaster. My old universal devise programmer
> is out of dat.
> It
> > is a unit from JDR and it uses a ISA interface
> card. My new
> computer
> > has no ISA slots and my server only has 2. The
> software for is DOS
> > based. I was unable to get any documentation from
> JDR even though
> > they no longer support this product. So I did som
> research and
> > decieded to mak a new GAL programmer using a
> serial port interface.
> >
> > 3. Radio Tracker. My summertime activity is flying
> FREEFLIGHT model
> > airplanes. These are serious mosel airplanes. Some
> are major
> > investments with very expensive antique engines.
> The tracking
> systems
> > that are available are also very expensive. I have
> developed a
> small
> > tracking transmitter that will work with either a
> VHF FM scanner or
> a
> > 2M FM tranceiver. The breadboard is working and I
> am in the process
> > of assembleing the prototype test units.
> >
> > 4. HF Antenna tuner. I have two HF stations. One
> is a complete
> > (almost) Heath SB-301/SB-401 SSB station. The
> second is a Heath
> > Novice station cosisting of a DX-60, Hg-10, and
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> > stations are under 200W I don't need a 1KW tuner.
> I am building a
> 300W
> > (I THINK) antenna tuner. I hope to finish the
> tuner this winter.

> >
> > Bob Macklin
> > K5MYJ
> > Seattle, Wa.
> >
>
>
>
>
>
> Yahoo! Groups Links
>
> (Yahoo! ID required)
>
> mailto:hamradiohomebrew-fullfeatured@yahoogroups.com
>
>
>

Bob Macklin
K5MYJ
SAM 8
Near Seattle, Wa.

"REAL RADIOS GLOW IN THE DARK"

# 336. Homebrew contest results!!!

Yahoo group: hamradiohomebrew
Date: 2007-11-09 14:58:43 UTC
From: wa6mhz_1
Topic: 336  Message: 336

Last night was the annual ARC of El Cajon Homebrew Contest, and since things have stalled on my 6 Meter SSB Transciever, I entered my Resistor Substitution box. But first, here are the other entries.

Winner in the Novice category was a solar powered power box with a Gel Cel and an inverter. It was more of a woodworking project than Electronic, beautifully crafted with a lid that lifted up to explore the innards. The large solar panel was on top. It has a battery charger for when the AC worked and a meter for monitoring the Solar current. Wonderful unit.

2nd place, and this was a hard choice I know, went to K5WFW's Go Kit. Len had a Kenwood D700A, KPC-3+ TNC and a 20A Alinco switching power supply along with a 33 Amp hour Gel cel in a big tool box. It was excellently crafted and was actually used during the 2007 Firestorm as an emergency radio station. Well done, Len!

Paul K6KPS built a 2 meter ground plane out of some welding rod and a bunch of PVC making a great little portable antenna system. He also had a longer antenna using a Pool cleaning pole and a twinlead J pole inside more PVC.

In the Senior division, W5COM demo'd his 160 meter vertical. This was like a long tesla coil, with over 1000 turns of wire on a 10 ft long PVC Pipe. I can't imagine counting those turns, less winding them. He has lots of time on his hands. It reportedly works very well! He also had a 10 Meter vertical that had a big copper coil with about 10 turns of quarter inch tubing. Looked more like a STILL than an antenna, but it also works great.

Rich NJ6F showed off his homebrew Keyer, very different than the rest of the projects, since it was made several decades ago and had some 12AU7 Tubes for the switching. Now thats an OLD homebrew project. It also still worked very well.

And then it came time for my Resistor sub box. I only brought it in because I needed SOMETHING to enter and it was all homebrew. That was the thing about some of the projects. They were basically purchased items placed in a box. True Homebrew means building all the parts from scratch. Since presentation of the project goes along ways with the very discerning judges, I spent some of yesterday preparing a 6 page Operation and Service manual for it. Remember that this box only has 11 parts! And that includes the banana jacks!! OH, I forgot the box. That makes it 12. The Service manual was the ultimate in overkill. Full schematics, layouts, 6 photos of how it is used and inside views all in a fancy folder and with fancy fonts.

That put it over the top and the Resistor Sub box took home first place. So Simple can win if it has a very innovative design and a great presentation. But wait till NEXT year when I get my 6 Meter SSB transciever finished! Sure looking for more ideas to build! QST has a great little SSB rig this month (Nov 2007) Check it out!
73

# 337. Many Ham Publications FS

Yahoo group: hamradiohomebrew
Date: 2007-11-11 13:22:47 UTC
From: Ken Simpson, W8EK
Topic: 337  Message: 337

Many Ham Publications For Sale:

All are in very good condition, unless stated otherwise.

ARRL "QRP Notebook" by Doug DeMaw, W1FB
1986 - First Edition - Like New - $10

ARRL "Novice Antenna Notebook" by Doug DeMaw, W1FB
1988 - First Edition - Like New - $12

ARRL "Novice Notes - The Book"
1989 - First Edition - $8

ARRL "Weekend Projects for the Radio Amateur"
1979 - First Edition - Like New - $8

ARRL "Understanding Amateur Radio"
1977 - Third Edition - Like New - $8

ARRL "Hints and Kinks for the Radio Amateur"
1982 - 11th edition - $8

ARRL Antenna Book
1974 - 13th edition - $10

ARRL "Specialized Communications Techniques
for the Radio Amateur" - 1975 - First Edition - $7

ARRL "RFI Book"
1999 - First Edition - like new - $10

ARRL "Satellite Anthology"
1999 - 5th edition - like new - $9

ARRL "Weather Satellite Handbook"
1990 - 4th edition - like new - $9

ARRL "Your Gateway to Packet Radio"
1989 - 2nd edition - $5

ARRL Operating an Amateur Radio Station
1983 - 61st edition - $3

FCC "Interference Handbook"
1986 edition - $4

ARRL "Radio Amateurs Operating Manual"
1985 - 2nd edition - $8
1987 - 3rd Edition - Very thick book - $10

ARRL FCC Rule book
1988 - seventh edition - $3
1989 - eighth edition - $3
2004 - 13th edition - $10

RSGB "Amateur Radio Operating Manual"
1982 - 2nd edition - $8
1991 - 3rd edition - like new - $10

ARRL Public Service Communications
1985 - Ninth edition - $3
1990 - no edition number listed - $3

ARRL Amateur Radio Field Resources Directory
1986-87 - First edition - $ 7

Radio Amateur's World Atlas
Published by Callbook - 12th edition - $8

Nostalgic ham licensing materials for sale:
All books are in very good, or better, condition.

General Class Amateur License Study Guide
By W0XI; published by Sams
First Edition - 1979 - $ 3

Amateur Radio Advanced Class License Study Guide
By Jim Kyle and Ken Sessions; Tab Publishing
1975 - 2nd edition - $ 3

Amateur Radio General Class License Study Guide
By Jim Kyle and Ken Sessions; Tab Publishing
1975 - 2nd edition - $ 3

ARRL License Manuals
1979 - 77th edition - $3
1984 - 79th edition - $3
1984 - 80th edition - $3
Technician - 1989 - First edition - $3
General - 1989 - First edition - $3
General - 1997 - Second edition - $6
Advanced - 1985 - First edition - $3
Extra - 1988 - Third edition - $3

ARRL Technician Class Exam course
1993 - First Edition - $5

1981 Foreign Callbook - Good condition - $ 4

Prices do not include shipping from Florida.
"Media Mail" is inexpensive.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

# 338. Vintage Electrical Books FS

Yahoo group: hamradiohomebrew
Date: 2007-11-16 21:56:35 UTC
From: Ken Simpson, W8EK
Topic: 338  Message: 338

Vintage Electrical Books For Sale:

Radio Physics Course - An Elementary Text Which
Explains the Principles of Electricity and Radio
By Alfred Ghirardi - Published 1932 by Murray Hill Books
I know that is a long title, but that is what the book is called!
This is a book just under 1000 pages that is very detailed.
It has many interesting topics.
This book is in fairly good shape, although it certainly is not
new! $15

Electrical Engineering by Dawes
Volume 1 - Direct Currents
Third Edition - 1937
I would call this a basic text. 750 pages. It includes
a separate insert that has the answers to the problems.
Book is in nice shape, but does have a name on the
inside cover with a 1938 date. $ 15

Direct and Alternating Currents
By Oppenheimer and Borchers
1963 - McGraw Hill
392 pages of "Modern" info, compared to the 1930's books
Very nice shape, with name in front cover. $12

Unit Outlines in Physics by Colen and Newman
Paperback (I didn't know they made paperbacks then!)
Revised edition, 1940
Some wear, and writing. $ 12

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

# 339. Re: Progress Stalled!

Yahoo group: hamradiohomebrew
Date: 2007-12-06 02:08:36 UTC
From: Dave
Topic: 328  Message: 339

Pat, did you ever get past this problem? What do you mean by "rf stages"? If it's just a preamp and filter, those should roll out of the ARRL Handbook, with about an hour using a free SPICE simulator to validate the design's functionality. Or is there more "unknown" than just the RF preamp?

Dave W8NF

--- In hamradiohomebrew@yahoogroups.com, "wa6mhz_1" <wa6mhz_1@...> wrote:
>
> I have spent every lunchtime here at work trying to get past the
> problem of the RF stages on the 6 meter SSB rig seen on the groups
> front page. Though it looks great and working, it has only the VFO,
> digital display, and audio stages working. The Balanced modulator, 9
> Mhz BFO and speech amp are breadboarded and work, but thats where
> progress was halted. After searching all the ARRL handbooks,
> websites and every scrap of data I can find, it seems no one has ever
> built exactly what I need and piecing it together is a major task. I
> have collected most of the parts I could use, Double balanced mixers,
> mosfets, transistors, NE-602s, more MC1496's, MC1350s and lots of
> other parts, but getting the correct configuration has been the trial!
> Another stalling point is packaging the assemblies inside the rig.
> Yaesu used edge cards and sockets, but those create intermittents. I
> did use one for the digital readout card, but that was because the
> proto board used that edge connector. Shall each assembly be made in
> a box made of cut up PCB? If so, then how will the signals be
> brought out. Provisions need to be made for servicing and aligning
> the modules once installed. As a Test Technician, I more appreciate
> servicability than Engineers do. It is great to have test points and
> accessibly pots and variable caps. Modules need to be removable for
> test and troubleshoot while still bding operationable in the
> circuit. One possibility is extenders, but those introduce other
> problems. I do have a supply of RCA jacks, which would be suitable
> for RF use. For power/logic signals, I need a bunch of feedthru
> caps. And I just can't find the right circuit to use for the IF amps
> and RX/TX mixers. DBMs require high LO power, NE602s have their
> shortcomings too. So the search goes on for the perfect circuit.
> But it looks like this years Homebrew contest November 8th is a tough
> deadline. Maybe it will be finished next year. That is a problem
> with Homebrew versus Kits. The design is the toughest part. And it
> is always foolish to build before the circuit is designed, as it may
> mean tearing it all apart and starting over. I have a 2 inch folder
> full of circuits collected and none of them are just what I want.
> But work goes on, I picked up some variable caps this Saturday and
> the NTE replacement for a MRF476 which will be the Radio's final RF

> output transistor, though 4 watts is a little QRP. Back to work!
>

# 340. Re: Progress Stalled!

Yahoo group: hamradiohomebrew
Date: 2007-12-06 16:20:11 UTC
From: wa6mhz_1
Topic: 328  Message: 340

Thanks, Dave!!
I go over circuits and circuits in as many books as I can find looking for the perfect fit, but so far, there just isn't the exact right circuit to be found. There are so many options, so many different ways of doing the same thing. I want to find the best way using parts that are obtainable or already on hand that will fit in the cabinet I have already made (the groups sig pic) The VFO on 5 to 5.5 Mhz is already done with the digital readout for it. So is the Audio amp and speaker system. I have a 9 Mhz xtal filter and have already breadboarded up a working BFO, Speech amp and balanced modulator. But where I am halted is trying to find the perfect mixer circuits and IF amps. I chose the MC1350 for that but am still looking for some 10.7 minature IF cans to modify for 9 Mhz. 9 Mhz plus the VFO will put me on 20M, and from there I make a 36 Mhz 2nd LO and another Mixer for TX and RX to get to 6M. I like the 6 meter RF section from the 6 meter transverter in the older ARRL handbooks, so that is planned. But it is all the mixer and IF stages, plus wrestling with the AGC options. The new NOV QST had a SSB XCVR which gave me some ideas for filter switching using a Cmos switch. Probably won't try bilateral circuits. I don't like the SRA-1 and SBL-1 double balanced mixer scheme because they require too high of LO injection levels. Too much signal might leak out and mess with other circuits. I don't like Mosfets (40673) because they are subject to too much cross mod from the protection diodes. The NE-602s are popular but look tricky to design using seperate LO's and I wonder how they hold up to cross mod too. There is always the same MC1496 mixer circuit I used for the balanced modulator and plan to use for the product detector, though it requires alot of parts. I am fortunate to have a 20 Ghz spectrum analyzer sitting here on the work desk to help with all these issues. Plus a synthesized HP 8656B sig gen to inject signals and see how the various levels affect the circuits.
Next issue is packaging internally. The circuits need to be accesible, yet properly shielded and mechanically secure. I have about a 4 inch by 3 inch by 9 inch area to mount it all in. A few modules probably can be tucked away elsewhere if I divide up the circuit. Not enough room for various miniboxes and I/O connectors, so some sort of card edge bus might be used like used in alot of commercial transcievers. They then can be put on extenders to test.
So, along with all those problems to ponder, I have been very active in restoring dozens of old radios lately. Just finished up a 1934 Philco model 60 catherdral set that looks great! And a Heathkit HW-32 is being redesigned to go on 6 meters as well with a transverter in the area the final section was. I just need more time! Too bad I have to work 8 hours a day on company stuff. Doesn't leave much time

for Homebrew!
73, Pat

--- In hamradiohomebrew@yahoogroups.com, "Dave" <emailw8nf@...>
wrote:
>
> Pat, did you ever get past this problem? What do you mean by "rf
> stages"? If it's just a preamp and filter, those should roll out
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> the ARRL Handbook, with about an hour using a free SPICE simulator
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> validate the design's functionality. Or is there more "unknown"
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>
> Dave W8NF
>
>
> --- In hamradiohomebrew@yahoogroups.com, "wa6mhz_1" <wa6mhz_1@>
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> > Mhz BFO and speech amp are breadboarded and work, but thats
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> > Another stalling point is packaging the assemblies inside the
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> > Yaesu used edge cards and sockets, but those create
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> > proto board used that edge connector. Shall each assembly be
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> > a box made of cut up PCB? If so, then how will the signals be

> > brought out. Provisions need to be made for servicing and
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> > the modules once installed. As a Test Technician, I more
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> > But work goes on, I picked up some variable caps this Saturday
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> > the NTE replacement for a MRF476 which will be the Radio's final
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> > output transistor, though 4 watts is a little QRP. Back to work!
> >
>

# 341. Progress Stalled

Yahoo group: hamradiohomebrew
Date: 2007-12-06 18:06:03 UTC
From: Doug Allen
Topic: 341  Message: 341

Hello Pat,

Try the links at these sites: www.rfcafe.com or www.nutsvolts.com. I hope this helps. Good luck.

Best regards,

Doug Allen

# 342. Re: Progress Stalled!

Yahoo group: hamradiohomebrew
Date: 2007-12-08 02:37:01 UTC
From: Dave
Topic: 328  Message: 342

Well, I'm not sure I know quite what you need yet...but it sounds like mixers to get from 6 meters to 20 and vice-versa? Given your choices, I'd go for the NE602. It's superior to the MC1496 for cross mod and the balance is better. One of the app notes available for the NE602 shows how to use a single resistor to disable the internal oscillator, turning it into an amplifier...you then feed 700mV p-p into the xtal pins and it's just a mixer now, not an oscillator.

When you say "IF cans", what do you mean? Since you already have a crystal filter, you don't need the old-fashioned high-Q shielded bits in the IF strip. Knowing the input and output impedance of your crystal filter, just design a straight-forward LC impedance matching circuit to 50 ohms or whatever mixer Z you plan to use and be done with it.

The problem with "going over circuits" in books is that things like this must be designed from a systems level - attempting to pick and choose circuits from existing designs is very risky; you don't know what compromises one circuit has versus another. You can pick out maybe 70-80% of your circuits from existing designs, but at some point, you have to actually *design* the final bits to glue it all together - which is what separates a homebrewer from an "article copier" and is, IMO, the best part of homebrewing. Digging out the calculator, the free version of SPICE and doing real design work!

How about posting a block diagram? That would help immensely.

Dave W8NF

--- In hamradiohomebrew@yahoogroups.com, "wa6mhz_1" <wa6mhz_1@...> wrote:
>
> Thanks, Dave!!
> I go over circuits and circuits in as many books as I can find
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> right circuit to be found. There are so many options, so many
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> using parts that are obtainable or already on hand that will fit in
> the cabinet I have already made (the groups sig pic) The VFO on 5 to
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> Audio amp and speaker system. I have a 9 Mhz xtal filter and have
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> LO and another Mixer for TX and RX to get to 6M. I like the 6 meter

> RF section from the 6 meter transverter in the older ARRL handbooks,
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> won't try bilateral circuits. I don't like the SRA-1 and SBL-1
> double balanced mixer scheme because they require too high of LO
> injection levels. Too much signal might leak out and mess with other
> circuits. I don't like Mosfets (40673) because they are subject to
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> desk to help with all these issues. Plus a synthesized HP 8656B sig
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> accesible, yet properly shielded and mechanically secure. I have
> about a 4 inch by 3 inch by 9 inch area to mount it all in. A few
> modules probably can be tucked away elsewhere if I divide up the
> circuit. Not enough room for various miniboxes and I/O connectors, so
> some sort of card edge bus might be used like used in alot of
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> So, along with all those problems to ponder, I have been very active
> in restoring dozens of old radios lately. Just finished up a 1934
> Philco model 60 catherdral set that looks great! And a Heathkit HW-
> 32 is being redesigned to go on 6 meters as well with a transverter
> in the area the final section was. I just need more time! Too bad I
> have to work 8 hours a day on company stuff. Doesn't leave much time
> for Homebrew!
> 73, Pat
>
> --

# 343. Homebrew a 1956 transciever!!

Yahoo group: hamradiohomebrew
Date: 2007-12-26 18:38:02 UTC
From: wa6mhz_1
Topic: 343  Message: 343

http://members.aceweb.com/sheldon/bn1.html
This has everything you need to know to build a truly rare, vintage
40/80 meter CW transceiver. Looks like it would fit in a Heathkit
sig gen case. Just an idea!

# 344. General Radio Variac FS

Yahoo group: hamradiohomebrew
Date: 2007-12-29 12:14:44 UTC
From: Ken Simpson, W8EK
Topic: 344  Message: 344

Variac For Sale:

General Radio Model W5MT3

This variac is designed for 115 V AC lines, and will vary the line voltage from zero to about 120 percent of the line voltage. It is very useful for slowly bring the line voltage up on older rigs.

The General Radio W5MT3 is in a very nice case, with a 3 wire cord, and 3 wire receptacle. Of course it has General Radio quality. This one is rated at 5 amps.

In checking prices of used units on the internet, they seem to go for anywhere from $170 to $400. This one works fine, and is in excellent cosmetic condition as well. You can have it for $150 plus shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

# 345. Tube sockets FS

Yahoo group: hamradiohomebrew
Date: 2007-12-30 17:58:13 UTC
From: Ken Simpson, W8EK
Topic: 345  Message: 345

Tube sockets for sale:

Octal Sockets
Ceramic, slightly used, with ears with a captive 6-32 nut
in the ear for mounting. There are also 4 ground lugs
around the perimeter. - $4 each
Used, ceramic, without mounting ears - $2 each
New, ceramic, with mounting ears - $3 each
New, phenolic, with mounting ears - $2 each
Used, phenolic, no mounting ears - $1 each

7 pin socket, for tubes such as 6AU6, etc.
New, ceramic - $2 each
New, phenolic - $1 each
used, but in good shape - $1 each

9 pin socket, for tubes such at 12AU7, etc.
New, phenolic - $1 each

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

# 346. Re: General Radio Variac FS

Yahoo group: hamradiohomebrew
Date: 2008-01-03 15:04:24 UTC
From: Ken Harrigan
Topic: 344  Message: 346

That's interesting about the prices of a five Amp variac.

I don't know much about the prices since I picked one up at a local hamfest a couple of months ago. It's 0-140 volts with a 50 amp fuse on it with a three line input. The autotransformer is made up of 12 gauge wire! It weights close to 45-50 pounds. I'm planning to encase it in 1/4 to 1/2 inch thick clear plastic. I believe it's got to be worth a heck of a lot more than I paid for it based on your checking.

Thanks.
Ken

--- In hamradiohomebrew@yahoogroups.com, "Ken Simpson, W8EK"
<W8EK@...> wrote:
>
>
> Variac For Sale:
>
> General Radio Model W5MT3
>
> This variac is designed for 115 V AC lines, and will vary
> the line voltage from zero to about 120 percent of the line
> voltage. It is very useful for slowly bring the line voltage
> up on older rigs.
>
> The General Radio W5MT3 is in a very nice case, with a
> 3 wire cord, and 3 wire receptacle. Of course it has General
> Radio quality. This one is rated at 5 amps.
>
> In checking prices of used units on the internet, they seem
> to go for anywhere from $170 to $400. This one works fine,
> and is in excellent cosmetic condition as well. You can have
> it for $150 plus shipping from Florida.
>
> Thanks.
>
> 73,
>
> Ken, W8EK
>
> Ken Simpson
> E-mail to W8EK@... or W8EK@...
> Voice Phone (352) 732-8400
>

# 347. New Project to build!!

Yahoo group: hamradiohomebrew
Date: 2008-01-18 14:35:13 UTC
From: wa6mhz_1
Topic: 347  Message: 347

I was on QRZ reading the forums when I saw an appeal for people to put up 10 meter beacons. I had a 10M Ringo in the garage and Uniden HR-2600 sitting in the Museum, so why not put one on here? All I need is a Beacon Keyer.
On the WJ5O Beacon page, it was suggested to use the N0XAS Picokeyer chip to make a simple circuit. It is a 8 pin IC with the whole works inside except for the keying transistor and a few other small parts. So I ordered it and now it is here on the desk. But, I NEVER make anything simple. No, I have to add as many whistles and bells as I can. So, the project will have plenty of LEDs, switches, fuses, wires, pots and more LEDs. In case the power drops out, I designed in a battery backup pack so the beacon will stay on 24/7. I will be getting the parts this weekend to start building, but don't have a cabinet yet for it. Lots of work ahead, but that is all fun and Homebrew is where it is at! Listen for WA6MHZ/B on 28.2785!

# 348. Re: New Project to build!!

Yahoo group: hamradiohomebrew
Date: 2008-01-25 22:40:00 UTC
From: wa6mhz_1
Topic: 347  Message: 348

Great great progress on the Beacon Project. I went over to the new Electronics store in Kearney Mesa and found a very nice plastic box that had been sprayed inside with copper paint for good RF Isolation. It was alot easier to drill all the holes I had to. Spent almost $60 on all the parts and began to assemble it this week. Looks so nice, but will be hard to label having a black front.Since the rain is going to wash out the TRW swapmeet, I will stay home, save $40 in gas, and work on it all day tommorow. Last week, the NFL Playoff games wasted Sunday for me, but now no more football till the Superbowl Feb3. So I expect to get it done and on the air this weekend. Took some pics and will be posting them on the photos section. Need more members to post pics of what they built!
73!

--- In hamradiohomebrew@yahoogroups.com, "wa6mhz_1" <wa6mhz_1@...>
wrote:
>
> I was on QRZ reading the forums when I saw an appeal for people to
> put up 10 meter beacons. I had a 10M Ringo in the garage and
Uniden
> HR-2600 sitting in the Museum, so why not put one on here? All I
> need is a Beacon Keyer.
> On the WJ5O Beacon page, it was suggested to use the N0XAS
> Picokeyer chip to make a simple circuit. It is a 8 pin IC with the
> whole works inside except for the keying transistor and a few other
> small parts. So I ordered it and now it is here on the desk. But,
I
> NEVER make anything simple. No, I have to add as many whistles and
> bells as I can. So, the project will have plenty of LEDs,
switches,
> fuses, wires, pots and more LEDs. In case the power drops out, I
> designed in a battery backup pack so the beacon will stay on 24/7.
I
> will be getting the parts this weekend to start building, but don't
> have a cabinet yet for it. Lots of work ahead, but that is all fun
> and Homebrew is where it is at! Listen for WA6MHZ/B on 28.2785!
>

# 350. BEACON Photos in Photo Section!

Yahoo group: hamradiohomebrew
Date: 2008-01-27 18:45:26 UTC
From: wa6mhz_1
Topic: 350  Message: 350

Got it all tested and working great (though I am having some trouble programming it since I am not used to a paddle. I use only a straight key!) Haven't lettered it yet either as our company labelmaker machine is awaiting paper. I adjusted the 25W President (Uniden) HR-2600 down to 12W CW to keep the finals running cooler and happy. I have 100ft of coax so I added the extra 2W to make up for coax loss. It also has the built-in Gel Cel so that any power outages will not interrupt the beacon. But if we loose power for too long, the Gel Cell will be Kaput!
OK, Lets see YOUR projects!!!! Post them to the photos section in an album with your Callsign so we know who made such great works of art!
73!

# 351. Test Equipment: Spectrum Analyzer - Maybe OT??

Yahoo group: hamradiohomebrew
Date: 2008-01-28 00:48:39 UTC
From: Doug Allen
Topic: 351  Message: 351

Hello Everyone,

I have a copy of Radio electronics, Sept. 1991. The article has all the parts and circuit boards. With this being so old, it will probably need redesign. Anyone have any information or try building a Spectrum Analyzer. Many thanks.

Best regards,

Doug Allen

# 352. Re: Test Equipment: Spectrum Analyzer - Maybe OT??

Yahoo group: hamradiohomebrew
Date: 2008-02-01 14:59:59 UTC
From: wa6mhz_1
Topic: 351  Message: 352

--- In hamradiohomebrew@yahoogroups.com, "Doug Allen" <kayaker@...>
wrote:
>
> Hello Everyone,
>
> I have a copy of Radio electronics, Sept. 1991. The article has all
> the parts and circuit boards. With this being so old, it will
probably
> need redesign. Anyone have any information or try building a
Spectrum
> Analyzer. Many thanks.
>
> Best regards,
>
> Doug Allen
>
If you have the time or interest, Doug, it would be nice to Scan it and post it as a pdf in our Files section. I know I would like to have a decent Spectrum anaylzer at home. I have a junker HP 140 that only goes to 100 Mhz and most of what I do is up in the Ghz range. Luckily, I have a HP 8569B sitting here on my work desk good to 22 Ghz, but that is company property. So it would be nice to see how they did it. We need lots of projects and links to projects in our files and links section so folks can get ideas of what to build. Thanks Doug, 73

# 353. WANTED!!! Photos of your projects!!

Yahoo group: hamradiohomebrew
Date: 2008-02-01 15:08:43 UTC
From: wa6mhz_1
Topic: 353  Message: 353

There is plenty of room in the photos section for all kinds of pics of what you built. I post as many as I can when I build. Just put in the 10 meter beacon I built last weekend. So lets see your projects. Don't worry if it isn't as neat and professional as you would like. Homebrew doesn't have to be pretty! Sometimes we have to make do with what we can scrounge up. I am always watching out for chassis's or boxes that was something that I can modify to turn into a new project. Actually, it is quite a challenge. So you find this box at the Swapmeet full of holes and knobs. dials, etc. It will make a wonderful project box, but WHAT about all those holes? well, you find something to put in them, making it look like they were supposed to there all along! In used chassis's, I put bolts and nuts in each unused hole (unless they are ventilation holes) so it looks like they are there on purpose. Next, for panel holes, I put extra pots and LEDs or Lamps, just to tell me the project is on, so the hole is filled. Every hole has a use, even if it is useless! So it is a Homebrew art to come up with reasons to put something in the hole! In the Beacon Keyer, there was this massive round hole about 1 1/2 inch diameter in the bottom of the box! So I made the top the bottom, took some screen, painted it black, and then hot glued the speaker in over it. Looks like I had planned it that way all along!! So you can be very creative with holes.
So, back to the point of this post! Lets see your projects!
73!

# 354. another fourm with lots of Homebrew posts

Yahoo group: hamradiohomebrew
Date: 2008-02-01 15:14:20 UTC
From: wa6mhz_1
Topic: 354  Message: 354

http://www.eham.net/forums/HomeBrew
Wish we had as much activity here as they do there! This is chock
full of ideas, and is very pertinent to our Homebrewing way of life.
I found all kinds of new ideas on there!!

# 355. Homebrew WebSite

Yahoo group: hamradiohomebrew
Date: 2008-02-01 17:12:10 UTC
From: jjcammarano
Topic: 355  Message: 355

Hi All,

I read in CQ magazine about a homebrew website with podcasts at www.soldersmoke.com

73 de KG6R,

Jim

# 356. Another new project started!!

Yahoo group: hamradiohomebrew
Date: 2008-02-04 16:34:56 UTC
From: wa6mhz_1
Topic: 356  Message: 356

The solder hadn't even cooled on the 10M beacon project when I began to form another Homebrew project. This time, it is a voice keyer for a rig, sort of for Contests and such. Instead of saying "CQ CONTEST DE WA6MHZ" over and over, for a 48 hour contest, the voice keyer stores the words in memory and then replays them at the push of a button. At the Santee Swapmeet saturday, I found a Ramsey kit with the makings of such a project in it. It was designed for CB, but will work fine for Ham contesting. I also have a MFJ that does the same thing, but this will be fun to build. Will post pics and report on its progress. The Ramsey kit came with a PCB, but that would not be a true Homebrew project to use a ready made PCB, so I will build it up from scratch on a Radio Shack perfboard and wire it point by point. Then I will add custom whisltles and bells to make it truly TRICK!! 73!

# 357. diode mixer

Yahoo group: hamradiohomebrew
Date: 2008-02-06 02:44:38 UTC
From: akshay parelkar
Topic: 357  Message: 357

I built a simple diode mixer with an oscillator as basis for a dir-con receiver.
http://www.vk2zay.net/article.php/46
Above URL is where i copied the Oscillator and Mixer.Is there any way I can test this without an oscilloscope? I am not sure that my diode mixer works.(I confirmed oscillation of the oscillator on a HF receiver.)

I also have another question.How do you reduce AM breakthrough in an Audio amp? whenever I try to connect the above mentioned module to anything, all I get is AM. (very strong)

Thanks,

73 de va7aax

---
Looking for last minute shopping deals? Find them fast with Yahoo! Search.

# 358. Hombrew of 8 bit microcomputers

Yahoo group: hamradiohomebrew
Date: 2008-02-12 04:27:02 UTC
From: Gene
Topic: 358  Message: 358

I would like to get in contact with anyone who like to build 8 bit microcomputers to exchange ideas, schematics or parts. So far I have duplicated the sdk-85 and the uk-101. The Kim-1 and ZX81 are next. I also own several of these old 8 biters. I can be reached at kd8mw@... or aimhightoday@....

Gene

# 359. want to purchase hf 20m ssb qrp homebrew or company rig!!!!

Yahoo group: hamradiohomebrew
Date: 2008-02-15 16:47:32 UTC
From: shubhamforme
Topic: 359  Message: 359

hello everyone ....
i want a hf transceiver which has a 20m or 14mhz
band or even more will do,,,,any brand and any model is accepted ,
even if its a qrp transceiver or home brewed..... .....

if any 1 intrested in selling then please contact me.....
i am in a desperate need of a hf transceiver. ....
regards
shubham tiwari
contact---
shubhamformeATyahoo.com

# 360. Re: want to purchase hf 20m ssb qrp homebrew or company rig!!!!

Yahoo group: hamradiohomebrew
Date: 2008-02-17 01:10:07 UTC
From: wa6mhz_1
Topic: 359  Message: 360

Of course, on this forum, we suggest you Homebrew it, but if you only want 20 meters, then MFJ makes a little 20 meter rig that is cute. Also, there are tons of old Heathkit HW-32 and HW-32A Singlebanders still in good supply on Ebay, quite cheap. I even got one at an auction once for $5, but don't expect to find a deal like that. Remember you need a HP23 power supply for those. So they are out there, sounds like you might be from out of the country, but alot of Ebayers do ship overseas. Shipping might cost more than the radio. If you are overseas, U might check out the MFJ first, it is light and since they are a professional company, they know all about shipping.
73
--- In hamradiohomebrew@yahoogroups.com,
"shubhamforme" <shubhamforme@...> wrote:
>
> hello everyone ....
> i want a hf transceiver which has a 20m or 14mhz
> band or even more will do,,,,any brand and any model is accepted ,
> even if its a qrp transceiver or home brewed..... .....
>
> if any 1 intrested in selling then please contact me.....
> i am in a desperate need of a hf transceiver. ....
> regards
> shubham tiwari
> contact---
> shubhamformeATyahoo.com
>

# 361. Re: [hamradiohomebrew] Re: want to purchase hf 20m ssb qrp homebrew or company rig!!!!

Yahoo group: hamradiohomebrew
Date: 2008-02-17 03:19:00 UTC
From: Jim Cammarano
Topic: 359  Message: 361

Hi Shubham.

If you want a CW transceiver, the rockmite is a good one. The kit costs about $30.00. You can fit it into a altoids tin but make sure to put some insultation into the tin or you may short out the board. There are better kits out there, but you get plenty of bang for the buck.

More details at http://www.smallwonderlabs.com/ reviews are at:

http://www.eham.net/reviews/detail/2547 out of 55 reviews, its rated 4.9 out of 5.

Another choice is the http://qrpkits.com/dc40a.html

73 de KG6R,

Jim

wa6mhz_1 <wa6mhz_1@...> wrote:

Of course, on this forum, we suggest you Homebrew it, but if you only
want 20 meters, then MFJ makes a little 20 meter rig that is cute.
Also, there are tons of old Heathkit HW-32 and HW-32A Singlebanders
still in good supply on Ebay, quite cheap. I even got one at an
auction once for $5, but don't expect to find a deal like that.
Remember you need a HP23 power supply for those. So they are out
there, sounds like you might be from out of the country, but alot of
Ebayers do ship overseas. Shipping might cost more than the radio.
If you are overseas, U might check out the MFJ first, it is light and
since they are a professional company, they know all about shipping.
73
--- In hamradiohomebrew@yahoogroups.com,
"shubhamforme" <shubhamforme@...> wrote:
>
> hello everyone ....
> i want a hf transceiver which has a 20m or 14mhz
> band or even more will do,,,,any brand and any model is accepted ,
> even if its a qrp transceiver or home brewed..... .....
>
> if any 1 intrested in selling then please contact me.....
> i am in a desperate need of a hf transceiver. ....
> regards
> shubham tiwari
> contact---
> shubhamformeATyahoo.com
>

---
Never miss a thing. Make Yahoo your homepage.

# 362. Don't let this happen to you!!!

Yahoo group: hamradiohomebrew
Date: 2008-02-19 15:00:36 UTC
From: wa6mhz_1
Topic: 362  Message: 362

In the latest project, which is taking quite awhile to build, I finally got the circuit board ready to plug in. It is a Voice keyer built using the Ramsey circuit. Now, it wouldn't be a True HOMEBREW if I used a ready made circuit board, OH NO!!! So, by going through an ethical treatment of it, I hand wired a perfboard just robbing the schematic and pre-programmed microprocessor. This also allows me great flexibility in making mods to the circuit. One great mod is my Universal Microphone plug lashup. SO, say you want to use this device with a Kenwood, then an Icom, and then a Yaesu. Wire different plugs up? That would be a good idea, but here is one better. I have a circuit board in there with 7 eight position DIP switches on it. That way, I can select the function in and out, or straight through for each pin. Some, like Mic and PTT have to go to the circuit. Others, like Freq up and down, have to be wired straight through. And then I have to pick up the grounds as well. So, for each radio type, I will have a chart of how to set the dipswitches. Hope I don't get a switch position wrong, thats 56 switch positions to get right!!!!

ANYWAY, here is what happened when I plugged it in. IT DIDN'T WORK!!!! I checked the wiring and it was all correct. The power supply seemed to be getting very very hot as well, but there were no parts in wrong or wiring errors!!!! I was tearing my hair!!!! I took out some transistors involved in the circuit that didn't work and changed them. STILL no go! I began to doubt Ramsey's theory, but it was a simple transistor switching arrangement, how could they get that wrong?? THEN I saw it. 3 1K resistors were in the circuit. That was where it didn't work. Upon close examination of the resistors, which should have been BROWN BLACK RED GOLD, they were BROWN RED BLACK GOLD! OH HO!!!!!!!!! !2 ohm resistors were supplied to me instead of 1Ks. And glancing at them, you saw the correct colors, just not in the right order!!! Replacing them with 1Ks made it work just fine! PROGRESS!!!!

Now, if I can just fit it into the cabinet!

# 363. Re: Don't let this happen to you!!!

Yahoo group: hamradiohomebrew
Date: 2008-02-19 20:56:41 UTC
From: Dave
Topic: 362  Message: 363

I've had to come to my senses on the matter. I have always had
troubles telling apart colors on resistors like red, orange and
yellow, so I keep a DVM at hand to measure them. I never put a
resistor in without measuring first. I've gotten that way on
capacitors, too, as they seem to have several different marking
methods. Fortunately cheap capacitor checkers are available nowadays.

I've contemplated a "universal microphone box" myself to allow me to
pick and choose which mic to use with my rigs. I've got
computer-style headsets with boom mics, which are electret elements
needing bias, I have Heil elements, I have a studio mic, and it's all
with a variety of 1/8 inch, 1/4 inch, 8-pin and XLR connectors!

I came across an MFJ microphone "management" box of some sort, and
they managed to create a universally switchable mic interface with
more like eight total dip switches, not 56. You might look in the MFJ
website for that device, it could save a lot of wiring troubles. I
know that if I had to get 56 switches set just right, I'd have less
than a 10% chance of getting them all right the first go-round.

Dave W8NF

--- In hamradiohomebrew@yahoogroups.com, "wa6mhz_1" <wa6mhz_1@...> wrote:
>
> In the latest project, which is taking quite awhile to build, I
> finally got the circuit board ready to plug in. It is a Voice keyer
> built using the Ramsey circuit. Now, it wouldn't be a True HOMEBREW
> if I used a ready made circuit board, OH NO!!! So, by going through
> an ethical treatment of it, I hand wired a perfboard just robbing the
> schematic and pre-programmed microprocessor. This also allows me
> great flexibility in making mods to the circuit. One great mod is
> my Universal Microphone plug lashup. SO, say you want to use this
> device with a Kenwood, then an Icom, and then a Yaesu. Wire different
> plugs up? That would be a good idea, but here is one better. I have
> a circuit board in there with 7 eight position DIP switches on it.
> That way, I can select the function in and out, or straight through
> for each pin. Some, like Mic and PTT have to go to the circuit.
> Others, like Freq up and down, have to be wired straight through.
> And then I have to pick up the grounds as well. So, for each radio
> type, I will have a chart of how to set the dipswitches. Hope I
> don't get a switch position wrong, thats 56 switch positions to get
> right!!!!
> ANYWAY, here is what happened when I plugged it in. IT DIDN'T
> WORK!!!! I checked the wiring and it was all correct. The power
> supply seemed to be getting very very hot as well, but there were no
> parts in wrong or wiring errors!!!! I was tearing my hair!!!! I took

> out some transistors involved in the circuit that didn't work and
> changed them. STILL no go! I began to doubt Ramsey's theory, but it
> was a simple transistor switching arrangement, how could they get
> that wrong?? THEN I saw it. 3 1K resistors were in the circuit.
> That was where it didn't work. Upon close examination of the
> resistors, which should have been BROWN BLACK RED GOLD, they were
> BROWN RED BLACK GOLD! OH HO!!!!!!!!!! !2 ohm resistors were
> supplied to me instead of 1Ks. And glancing at them, you saw the
> correct colors, just not in the right order!!! Replacing them with
> 1Ks made it work just fine! PROGRESS!!!!
> Now, if I can just fit it into the cabinet!
>

# 364. need an hf transceiver!!!!!!!!!

Yahoo group: hamradiohomebrew
Date: 2008-03-03 05:06:26 UTC
From: shubhamforme
Topic: 364  Message: 364

hello everyone .... i want a hf transceiver which has a 20m or 14mhz
band or even more will do,,,,any brand and any model is accepted ,
even if its a qrp transceiver or home brewed...........

if any 1 intrested in selling then please contact me.......
i am in a desperate need of a hf transceiver.....
regards
will make the payments through paypal or by cheque or by western union
money transfer........

shubham tiwari
contact---
shubhamformeATyahoo.com

# 365. need an hf transceiver!!!!!!!!!

Yahoo group: hamradiohomebrew
Date: 2008-03-03 14:43:37 UTC
From: shubhamforme
Topic: 364  Message: 365

hello everyone .... i want a hf transceiver which has a 20m or 14mhz
band or even more will do,,,,any brand and any model is accepted ,
even if its a qrp transceiver or home brewed..... .....

if any 1 intrested in selling then please contact me.....
i am in a desperate need of a hf transceiver. ....
regards
will make the payments through paypal or by cheque or by western union
money transfer.... ....

shubham tiwari
contact---
shubhamformeATyahoo .com

# 366. Re: need an hf transceiver!!!!!!!!!

Yahoo group: hamradiohomebrew
Date: 2008-03-04 20:15:22 UTC
From: wa6mhz_1
Topic: 364  Message: 366

Hi Shubham
This particular group is not for selling of radios but for building them. You would have better luck on a forum such as QRZ asking for a radio. We are all about the design building and construction of them, not purchase. Please try over at QRZ.
Thank you
WA6MHZ
Group owner

--- In hamradiohomebrew@yahoogroups.com,
"shubhamforme" <shubhamforme@...> wrote:
>
> hello everyone .... i want a hf transceiver which has a 20m or 14mhz
> band or even more will do,,,,any brand and any model is accepted ,
> even if its a qrp transceiver or home brewed..... .....
>
> if any 1 intrested in selling then please contact me.......
> i am in a desperate need of a hf transceiver. ....
> regards
> will make the payments through paypal or by cheque or by western
union
> money transfer.... ....
>
> shubham tiwari
> contact---
> shubhamformeATyahoo .com
>

# 367. Keithley 169 lab quality DMM FS

Yahoo group: hamradiohomebrew
Date: 2008-03-08 15:48:38 UTC
From: Ken Simpson, W8EK
Topic: 367  Message: 367

For Sale:

Keithley 169 Lab Quality Digital Multi Meter

This is a bench type DMM, with good accuracy.

3 1/2 digit LCD display
Voltage ranges are protected to 1400 volts
Resistance ranges are protected to 300 V RMS
(This means you can accidentally apply up to 300 V
RMS when measuring resistance, and the meter
will survive.)
Voltage ranges from 200 mv to 1000 V
Current ranges from 100 microamps to 2 amps
Resistance ranges from 200 ohms to 20 Meg

It is in very nice condition, both electrically and cosmetically.
Manual included for $90 plus shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

# 368. Greenlee Chassis Punches FS

Yahoo group: hamradiohomebrew
Date: 2008-04-05 13:22:33 UTC
From: Ken Simpson, W8EK
Topic: 368  Message: 368

Greenlee Chassis Punches For Sale:

I think we all know that it makes a much neater job to use
a chassis punch. Of course Greenlee punches are the
best to use.

All of these are completely round punches.

1 5/32 inches - still in the original box - $30

3/4 inch - $22

5/8 inch - $18

Buy all three for $65.

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

# 369. Expanded scale AC Voltmeter FS

Yahoo group: hamradiohomebrew
Date: 2008-04-18 12:14:58 UTC
From: Ken Simpson, W8EK
Topic: 369  Message: 369

Expanded Scale AC Voltmeter For Sale:

This is an AC Voltmeter with an expanded scale. It reads
from 0 to 150 volts AC, but the scale is expanded so that
one can read in the 120 V area easier. The middle of the
scale is about 95 volts. It is ideal to have in line constantly,
to check your line voltage. This is a Weston Model 476,
and is about 2 1/2 inches in diameter, with 3 mounting holes.

Of course it works fine, and looks fine also.

$18 plus shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

# 370. Welcome new members!!

Yahoo group: hamradiohomebrew
Date: 2008-04-26 18:55:15 UTC
From: wa6mhz_1
Topic: 330  Message: 370

Several new members have joined us recently, and it seems the group is pretty quiet. Maybe everyone is too busy building to write about it. I have been pretty busy as well, with homebrew projects taking a back burner to Vintage Radio restoration and antenna repair lately. OH, yes, I have to WORK too, that takes away from my Homebrew time. The last great project, a Voice Keyer based on the Ramsey design, SHOULD have worked. But it had a 50Hz Buzz on the signal I coudn't get rid of, and after tearing my hair out on it, it was put on the "I'll get around to it again" shelf. That happens alot. Another project is the Power Amplifier for my 1296 Ttansverter. I got a module from a VK3 on Ebay, and in the process of openning it up to modify it, damaged it. OOPS!!! There was almost $30 down the drain! SO I bid on another and this time all went well. I mounted it and the associated PCB on a Computer CPU Heatsink with fan. Figure that ought to work great. Haven't wired it in yet, but we are making some progress as it was tested and seems to work. This will get the Transverter (See pics of it in the Photos section) up to around 10W instead of 350 mW.
So, lets hear what everyone is building and see pics of it. Lets not let this group be so quiet!
73
Pat WA6MHZ

# 371. Re: [hamradiohomebrew] Welcome new members!!

Yahoo group: hamradiohomebrew
Date: 2008-04-27 15:47:31 UTC
From: akshay parelkar
Topic: 330  Message: 371

I am gathering parts for a ne602 ssb transmitter.

wa6mhz_1 <wa6mhz_1@...> wrote: Several new members have joined us recently, and it seems the group is
pretty quiet. Maybe everyone is too busy building to write about it.
I have been pretty busy as well, with homebrew projects taking a back
burner to Vintage Radio restoration and antenna repair lately. OH,
yes, I have to WORK too, that takes away from my Homebrew time. The
last great project, a Voice Keyer based on the Ramsey design, SHOULD
have worked. But it had a 50Hz Buzz on the signal I coudn't get rid
of, and after tearing my hair out on it, it was put on the "I'll get
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Power Amplifier for my 1296 Ttansverter. I got a module from a VK3 on
Ebay, and in the process of openning it up to modify it, damaged it.
OOPS!!! There was almost $30 down the drain! SO I bid on another and
this time all went well. I mounted it and the associated PCB on a
Computer CPU Heatsink with fan. Figure that ought to work great.
Haven't wired it in yet, but we are making some progress as it was
tested and seems to work. This will get the Transverter (See pics of
it in the Photos section) up to around 10W instead of 350 mW.
So, lets hear what everyone is building and see pics of it. Lets not
let this group be so quiet!
73
Pat WA6MHZ

---
Be a better friend, newshound, and know-it-all with Yahoo! Mobile. Try it now.

# 372. 5 tube 20M SSB Transceiver!!

Yahoo group: hamradiohomebrew
Date: 2008-05-20 13:57:02 UTC
From: wa6mhz_1
Topic: 372  Message: 372

http://www.webalice.it/hotwater/RTX5x20.htm
This looks like a GREAT Project, especially for those of us who still are into Tubes!!! This is just part of a great Homebrew website, with lots of other great projects on it too!! The 20M rig was built by IW9ARO and won a Homebrew contest at MADS2006 (must be an Italian Radio club)
Check it out!

# 373. Meters FS

Yahoo group: hamradiohomebrew
Date: 2008-07-05 14:45:58 UTC
From: Ken Simpson, W8EK
Topic: 373  Message: 373

Meters For Sale:

Simpson Elapsed Time Meter
This elapsed time meter will measure the total time that
a piece of equipment has been turned on. It is designed
for 115 V AC, 60 hertz. It is ideal for equipment such as
a linear amplifier, or any other equipment where the time
that it has been used is important.
This particular meter is still in its original box, having never
been used. Of course it reads 00000.0 hours. All the
hardware is with it as well. It is a round meter, about 3.5
inches in diameter, and mounts with 3 screws. A template
for mounting is also included in the box. $20

General Electric Edgewise DC ammeter
0-100 ma scale - Edgewise meter with scale 5+ inches
long and 1.7 inches high - White scale, w/ silver/gray mounting
About 6 inches deep. This is a very nice meter that can be
read across the room. Of course it can have a shunt added
for additional ranges. $ 30

LabVolt AC ammeter
0-1 amp scale - 4 inch square meter - New, unused - $18

LabVolt DC ammeter
0-1 amp scale - 4 inch square meter - New, unused - $18

DC voltmeter has 3 scales on it -- 5, 10, and 25 volts.
It says it is a Niehoff Voltmeter, Chicago, Model T-2.
It looks like 1930s vintage, and is in very nice shape. $28

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

# 374. Line Voltage/Current Meter Set FS

Yahoo group: hamradiohomebrew
Date: 2008-07-19 12:06:07 UTC
From: Ken Simpson, W8EK
Topic: 374  Message: 374

Line Voltage / Line Current Analog Meter Set For Sale:

This is a matched set of Triplett AC meters. They can be
used to measure your AC line voltage, and to monitor the
amount of current used in your radio shack.

The Triplett Model 337 S measures from 0 to 150 volts AC.
It is an expanded scale meter, with about 85 volts in the
middle, so it is easier to read in the 120 Volt area.

The Triplett Model 337 S ammeter measures from 0 to 30
amps, and appears to have a linear scale.

Both of these meters are considered 3 1/2 inch meters.
Both are NOS (new, but old stock), still in their original boxes,
never used. Hardware and mounting template are included.

The matched set of voltmeter and ammeter is $50 plus
shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

# 375. Elapsed time and other meters FS

Yahoo group: hamradiohomebrew
Date: 2008-08-02 12:11:08 UTC
From: Ken Simpson, W8EK
Topic: 375  Message: 375

Meters For Sale:

General Electric Elapsed Time Meter
This elapsed time meter will measure the total time that
a piece of equipment has been turned on. It is designed
for 115 V AC, 60 hertz. It is ideal for equipment such as
a linear amplifier, or any other equipment where the time
that it has been used is important.
This particular meter reads in minutes (instead of hours).
It reads 000000.0 minutes, and has provisions for resetting
the time. It is a square meter, about 2 3/4 inches on a side.
Of course it works fine. $20

Weston Model 741 DC ammeter
50 ua movement with scales of 2.5, 5, and 10
This is a large, approx 4 inch meter. $15

General Electric Edgewise DC ammeter
0-100 ma scale - Edgewise meter with scale 5+ inches
long and 1.7 inches high - White scale, w/ silver/gray mounting
About 6 inches deep. This is a very nice meter that can be
read across the room. Of course it can have a shunt added
for additional ranges. $ 30

LabVolt AC ammeter
0-1 amp scale - 4 inch square meter - New, unused - $18

LabVolt DC ammeter
0-1 amp scale - 4 inch square meter - New, unused - $18

DC voltmeter has 3 scales on it -- 5, 10, and 25 volts.
It says it is a Niehoff Voltmeter, Chicago, Model T-2.
It looks like 1930s vintage, and is in very nice shape. $28

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

# 376. QRZ?

Yahoo group: hamradiohomebrew
Date: 2008-10-21 18:17:58 UTC
From: wa6mhz_1
Topic: 376  Message: 376

Since no one had much to say about what they are Homebrewing, I would suggest folks make sure you check out the QRZ forum on Homebrewing, which has thousands of hams all over the world checking in and posting ideas.

http://forums.qrz.com/forumdisplay.php?f=32

There are lots of links, and project ideas there. Hopefully some of you will bring back what you have found and post them on here. I have 2 items ready for the Homebrew contest at ARC of El Cajon coming up here in November

A 10 Meter Beacon, on the air since around January or February

and a APRS Weather Station for relaying Temp, Wind speed and Direction to the network. This is Solar Powered.

Will post pics and how the contest comes out.
73
WA6MHZ

# 377. Re: [hamradiohomebrew] QRZ?

Yahoo group: hamradiohomebrew
Date: 2008-10-21 18:28:41 UTC
From: cheops210
Topic: 376  Message: 377

Hello Group, I am a new member and I homebrew. I have a couple of projects recently completed projects and as soon as I can figure out how to do it I will post pics and descriptions.
Bill, WD5DZG
www.willydog5.com
----- Original Message -----
From: wa6mhz_1
To: hamradiohomebrew@yahoogroups.com
Sent: Tuesday, October 21, 2008 1:17 PM
Subject: [hamradiohomebrew] QRZ?

Since no one had much to say about what they are Homebrewing, I would suggest folks make sure you check out the QRZ forum on Homebrewing, which has thousands of hams all over the world checking in and posting ideas.

http://forums.qrz.com/forumdisplay.php?f=32

There are lots of links, and project ideas there. Hopefully some of you will bring back what you have found and post them on here. I have 2 items ready for the Homebrew contest at ARC of El Cajon coming up here in November

A 10 Meter Beacon, on the air since around January or February

and a APRS Weather Station for relaying Temp, Wind speed and Direction to the network. This is Solar Powered.

Will post pics and how the contest comes out.
73
WA6MHZ

# 378. Re: QRZ?

Yahoo group: hamradiohomebrew
Date: 2008-10-21 18:43:13 UTC
From: wa6mhz_1
Topic: 376  Message: 378

That will be GREAT Bill!!! Yes, Please post pics in the Photos section!!! And maybe write up what you did here in the text section.
Thanks Bill!
73
Pat

--- In hamradiohomebrew@yahoogroups.com, "cheops210" <cheops210@...> wrote:
>
> Hello Group, I am a new member and I homebrew. I have a couple of projects recently completed projects and as soon as I can figure out how to do it I will post pics and descriptions.
> Bill, WD5DZG
> www.willydog5.com
> ----- Original Message -----
> From: wa6mhz_1
> To: hamradiohomebrew@yahoogroups.com
> Sent: Tuesday, October 21, 2008 1:17 PM
> Subject: [hamradiohomebrew] QRZ?
>
>
> Since no one had much to say about what they are Homebrewing, I would
> suggest folks make sure you check out the QRZ forum on Homebrewing,
> which has thousands of hams all over the world checking in and posting
> ideas.
>
> http://forums.qrz.com/forumdisplay.php?f=32
>
> There are lots of links, and project ideas there. Hopefully some of
> you will bring back what you have found and post them on here. I have
> 2 items ready for the Homebrew contest at ARC of El Cajon coming up
> here in November
>
> A 10 Meter Beacon, on the air since around January or February
>
> and a APRS Weather Station for relaying Temp, Wind speed and Direction
> to the network. This is Solar Powered.
>
> Will post pics and how the contest comes out.
> 73
> WA6MHZ
>

# 379. Pix

Yahoo group: hamradiohomebrew
Date: 2008-10-23 13:29:01 UTC
From: Bill and Pat
Topic: 379  Message: 379

Hello Group,
I just posted photos of two recent projects. One is a 40 meter tranceiver with a DC receiver using phasing for 40 db of unwanted sideband rejection. Tx is designed for a cw output of 1 Watt using a 2N3553. Unit is junkbox all the way as no new parts were purchased for this rig. Most of the circuits were lifted out of ham publications and Solid State Design and EMRFD.
The Second is my version of an oldie but goodie. W6BKY's Meter Master. A device to measure internal resistance and current capability of an analog meters. My meter measuring gismo is his circuit modified to use components from my junkbox. I tried posting a moe detailed description but the group filter thinks it has a virus for some reason. (it doesn't) for a more complete discussion try my website willy dog 5 dot com. (take out the spaces)

# 380. New 2 group

Yahoo group: hamradiohomebrew
Date: 2008-12-13 23:33:45 UTC
From: kf4tap
Topic: 380  Message: 380

I'm in my early retirement, with spare time waiting for parts i jioned the group. I'm currently building a station totally HB. it is hybrid SS and tubes, I have my own small gruop where i store files, links, and the like. hbhr@yahoogroups. com

My rx project is to be simple and sensitive, the heart of it is regen detector, using a 6SJ7, it should osc at no more than 30 volts, it will use plug in coils. It will use plug in SS crystal converters made with toriods and surplus computer crystals. A SS audio amp with about 2 watts output will give plenty of volume in the phones. A fan dipole with a QRp tuner and a swicthable active ant circuit will round it out. simple, low voltage, easily repairable.

My TX is still in the thinking process, I have a mopa already, 41 driving an 807 for cw, I've a pair of 6y6's for a modulator for am. My measure output with cw is about 14 watts,

I built an L bridge A C bridge, a variav, an audio osc, crystal tester, adio amp, several PS's. Repaired a Pace signal generator, 2 Regens bought of the bay. Keith.

# 381. HMY2K8 - A multiband HF transceiver (Homebrew):

Yahoo group: hamradiohomebrew
Date: 2008-12-25 08:04:29 UTC
From: SATHEESH MENON
Topic: 381  Message: 381

**** MERRY CHIRSTMAS ***

HMY2K8 - A multiband HF transceiver (Homebrew):

for more information visit :
http://vu2sgw.blogspot.com/2008/11/hmy2k8-multiband-hf-transceiver.html

TECHNICAL SPECIFICATIONS :
Frequency coverage: Ham Bands
3.500 - 3.600 M.Hz ( 80 M )
7.000 - 7.100M.Hz ( 40 M )
14.000 – 14.350 M.Hz ( 20 M )
21.000 - 21.350 M.Hz ( 15 M )
28.000 – 28.350 M.Hz ( 10 M )

Receiver :
Single conversion receiver with 10.000 M.Hz Cohn filter.
Low noise figure, 2.2 K.Hz SSB band width, 1.5 W audio O/P.

Transmitter :
RF O/P - SSB - 90 W ( DC PWR I/P )
CW - 60 W ( DC PWR I/P )
Built in CW side tone, CW delay, pwr meter, MOS FET Push Pull PA.

Dimensions :8.5 X 7 X 4.5 inches

Happy Homebrewing / Happy HAMing

73
VU2WSM
(Satheesh)

# 382. Coax connectors, meters, and manuals FS

Yahoo group: hamradiohomebrew
Date: 2009-01-01 13:24:00 UTC
From: Ken Simpson, W8EK
Topic: 382  Message: 382

Coax connectors and adapters, Meters, and Manuals For Sale:

Prices are per connector. Several of each are available.
These are NOS (have not been used) that I have accumulated
over 40+ years.

BNC male
standard type - $2
crimp on type - $3

Chassis mount BNC female square mount (uses 4 screws) - $3
screw in type - $4

BNC 90 degree - female to male - $3

BNC "T" - two female and one male - $3

Antenna adapter to fit the BNC connector on the HT
and provide an SO-239 connector that will permit
a PL-259 to be attached. (BNC male to UHF female) $5

UHF Male (PL-259) to BNC female (opposite of above) $5

UHF double female "Barrel connector" (two SO-239 together) $3

UHF double male (Two PL-259 together) - $4

UHF "T" connector with two female (SO-239) and one male
(PL-259) connection - $5

Very heavy duty chokes, as used to filter ripple in high
current power supplies.
These chokes (inductors) weigh about 8 pounds each, and
are designed to be used in low voltage applications. They
were both removed from power supplies, and are in close to
new condition.
One is from a 20 amp power supply. $13.
Another is from a 30 amp power supply. $15.

Meters:

General Electric Edgewise DC ammeter
0-100 ma scale - Edgewise meter with scale 5+ inches
long and 1.7 inches high. White scale, w/ silver/gray mounting
This is a very nice meter that can be read across the room. $30

LabVolt AC ammeter
0-1 amp scale, 4 inch square meter, $18

LabVolt DC ammeter
0-1 amp scale, 4 inch square meter, $18

DC voltmeter has 3 scales on it - 5, 10, and 25 volts.
It says it is a Niehoff Voltmeter, Chicago, Model T-2.
It looks like 1930s vintage, and is in very nice shape. $28

Heath 1407-58 meter
Still in its original box. Scale is 0 to 5, and looks to
be used for relative strength. $7

Meter movement from Heath RF Power Meter
This is a 200 ua meter movement, with a white scale. It
is about 2 5/8 inches wide and 2 1/2 inches high. It
says "Ideal Precision Meter Co" on the back. I think it
is from a Heath SWR Bridge.
This one works fine and looks great also. $12

Gonset ORIGINAL manual
Gonset Noise Clipper Model C
This manual has a couple marks in one corner, plus the
paper has yellowed somewhat. Otherwise, it is in good
shape. $4

Original Operating Manuals for Kenwood rigs:

All manuals are in very nice condition, for Kenwood
radios and accessories, unless stated otherwise.
All are original and are not copies.

Operating manual for BC-5 DC charger/adapter $4

Operating manual for MC-30 and MC-35 hand microphone $5

Operating manual for MC-80 desk microphone $5

Operating manual for MC-85 desk microphone $4

Operating manual for PS-30 power supply $5

Operating manual for SMC-24 speaker mic $4

Operating manual for SMC-25 speaker mic $4

Operating manual for TH-21 A / AT HT for 2 meters $8

Operating manual for TH-41A/BT/E, TH-31A/BT, TH-21A/BT/E
HTs for 440 MHz, 220 MHz and 2 meters $10

Service manual for TH-21 series HTs $20

Operating manual for TH-215 / 315 / 415 HTs $12

Operating manual for TH-225, 2 meter HT $12

Operating manual for TM-221 / 421 mobile $15

Operating manual for TM-231 / 331 / 431 / 531 mobile
FM transceivers for 2 meters, 220 MHz, 440 MHz, and
1200 MHz. $12

Operating manual for TR-2200, 2 meter "portable"
This is very similar to the Drake TR-22. $12

Operating manual for TR-2400, 2 meter HT $12

Operating manual for TR-2500, 2 meter HT $12

Operating manual for TR-2600, 2 meter HT $12

Service manual for TR-2600, 2 meter HT $12

Operating manual for TS-120, HF transceiver $18

Operating manual for TW-4000 dual bander $15

Service Manual for TW-4000 dual bander $20

These are Kenwood Original Manuals only.

ORIGINAL Icom operating manuals:
Please note that all of these are original Icom
manuals and are not copies.
All are in very good condition, unless noted otherwise.
These are original manuals only.

AT-150 Antenna Tuner $10
BC-30 Desk Charger $7
BC-35 Desk Charger $7
BP-2, BP-3, BP-4, and BP-5 Batteries $3
BP-21, BP-22, BP-23, and BP-24 Batteries $3
DC-1 DC converter unit $3
IC-2 AT, 2 meter HT $12
IC-22 S, 2 meter mobile transceiver $12
IC-211, 2 meter multimode transceiver $15
IC-229, 2 meter mobile transceiver $15
IC-3 PA Power supply $10
PS-15 Power supply $8
PS-35 Power supply $5
SM-5 Microphone $3
SM-6 Microphone $3
UT-16 Voice Synthesizer $5

These are original Icom manuals only.

ORIGINAL Heath manuals. These are manuals
only. They are all originals and are not copies.

Heath CO-1 Code Practice Oscillator
1959, Extremely nice, with NO check marks
Pictorials included $7

HM-2102 VHF Wattmeter 1972
Very nice condition. No check marks.
Schematic is part of book. $15

HW-2021 Assembly manual 1975
2 meter hand held transceiver
No check marks $10

HD-15 Hybrid Phone patch
1965, Schematic is part of book $8

HN-31A "Cantenna" Dummy Load
1982 for the "A" model, no check marks $8

HD-1234 Coax Switch
1973, Four Position Coax Switch
Like new, no check marks $8

GD-600 Photoelectric Light Switch
Schematic is part of book $6

IM-5284 Multimeter
Large schematic only $3

These are original manuals only.

The following Texas Instrument Data Books are available.
All are in very nice condition, with very little use.

Analog Applications Journal - $2 each
August 1999
Nov 1999
Feb 2000
May 2000
August 2000
Nov 2000

AHC/AHCT Designer's Guide - June 1999 $2

Mixed-Signal and Analog Products Designer's Guide
And Reference w/CD - January 1999 $4

Analog and Mixed Signal Products Designer's Guide
And Reference - August 1999 $3

Logic Selection Guide - August 1998 $4

BiCMOS Bus Logic Interface - 1988 $2

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

# 383. Tube sockets and shields FS

Yahoo group: hamradiohomebrew
Date: 2009-01-10 12:19:03 UTC
From: Ken Simpson, W8EK
Topic: 383  Message: 383

Tube sockets and tube shields for sale:

These sockets are NOS (New, unused, but old stock
from a silent key). They have not had solder on them.
Of course, even though the 7 and 9 pin sockets are
designed so that they can be used with twist lock
shields, there is nothing saying a shield needs to
be installed. They can be used as regular sockets.

7 pin socket, for tubes such as 6AU6, etc.
NOS, ceramic, designed for twist lock shield - $2 each
NOS, phenolic, designed for twist lock shield - $1 each

9 pin socket, for tubes such at 12AU7, etc.
NOS, phenolic, designed for twist lock shield - $1 each

Tube shields - Twist lock type
7 pin - $1 each
9 pin - $1 each

Octal Sockets
NOS, ceramic, with mounting ears - $3 each
NOS, phenolic, with mounting ears - $2 each

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

# 384. Hello

Yahoo group: hamradiohomebrew
Date: 2009-01-15 01:27:48 UTC
From: Daniel
Topic: 384  Message: 384

Hello all, I am new to the group and fairly new to homebrew. I currently hold a general class license. I have built a few kits, which was fun, but that was not enough for me. I am hoping to learn more about circuit design and construction. Just thought I would introduce myself.
KE5KFP

# 385. Many Ham Publications FS - Vintage and Modern

Yahoo group: hamradiohomebrew
Date: 2009-01-29 14:58:30 UTC
From: Ken Simpson, W8EK
Topic: 385  Message: 385

Ham Publications For Sale:

Some are vintage, and some more modern.
All are in excellent condition, published by ARRL,
unless listed otherwise.

Hints and Kinks for the Radio Amateur
1974, smaller size, $8
1989, 12th edition, $8
1997, 14th edition, like new, $14

Understanding Amateur Radio
1977, no edition number listed, $8

How to Become a Radio Amateur, 1970, 26th edition,
Extremely nice, close to new condition,
with many vintage ads in the back, $15

The Mobile Manual, 1955, First Edition,
part of spine binding missing, but otherwise is in good
condition, with all pages intact, and in binding properly,
contains a large number of very vintage equipment ads, $15

Antenna Related Books:

Antenna Anthology, 1978, First Edition, $8

Antenna Compendium, 1992, First Edition, like new, $15

ARRL Handbooks:

These are in the smaller format (6 1/2 by 9 1/2 inch size).
They include tube charts and ads for vintage equipment,
which are not in the newer handbooks.
1977 - 54th edition - Good condition $10

More modern, larger 8 1/2 by 11 inch format:
1981 - 58th edition - Nice shape $13
1982 - 59th edition - Good condition $11
1985 - 62nd edition - Like new $17
2006 - 83rd edition - with CD, like new $35

Satellite Anthology, 1999, 5th edition, like new, $10

Weather Satellite Handbook, 1990, 4th edition, like new, $10

Operating an Amateur Radio Station, 1983, 61st edition, $3

FCC "Interference Handbook", 1986 edition, $4

Radio Amateurs Operating Manual, 1985, 2nd edition, $8

Ham Price Guide - 2nd Edition
Lists prices of used ham gear - $5

Radio Amateur's World Atlas
Published in Germany - $8

ARRL DXCC Countries List
Sept 1997 - marks in it - $2

ARRL FCC Rule book
1988 - seventh edition - $3
1989 - eighth edition - $3
2004 - 13th edition - $10

RSGB "Amateur Radio Operating Manual"
1982 - 2nd edition - $8

ARRL Public Service Communications 1985 - Ninth edition - $3
1990 - no edition number listed - $3

ARRL Amateur Radio Field Resources Directory
1986-87 - First edition - $ 7

General Class License Manual by Gordon West, WB6NOA
Second Edition - Like New - $3
Fifth Edition - Like new - $5

Upgrade to General Class by Don Stoner, W6TNS
1992 - $4

Advanced Class License Manual by Gordon West, WB6NOA
"New Edition" - Second Edition - 1995 - $4

Ameco "Mastering the Morse Code" by Martin Schwartz
First Edition - 1957 - $8

Ameco "Novice License Radio Amateur FCC Test Manual"
By Martin Schwartz - 1984 - like new - $4

Ameco "Amateur Radio Novice Class Theory Course"
By Martin Schwartz. Far more in depth than the test manual.
First Edition - 1978 - $5

Ameco "Complete Technician Radio Amateur FCC Test Manual"
By Martin Schwartz - 1992 - $3

Ameco "General Class Radio Amateur FCC Test Manual"
By Martin Schwartz - 1984 - Like new - $4
As above, but includes 1988 questions and answers - $4

Ameco "Advanced Class Radio Amateur License Guide"
By Martin Schwartz - First Edition - 1981 - like new - $5

Ameco "Advanced Class Radio Amateur FCC Test Manual"
By Martin Schwartz - Copyright 1987, with added 1991 material
First Edition - Like New - $6

Ameco Code Course
This book might be made to go with the Ameco Code records.
There is general information about the code, but portions
of the book list what is being sent by the code records.
There is also a diagram about how to make a code practice
oscillator from a 50C5 and 35W4. $5

ARRL Code Kit Book, 1976
This is the booklet only, that originally went with a kit
of cassette tapes. This has the info contained on the
tapes listed in it. $2

Code Tapes:

All are original tapes in great condition, in their
original containers.

ARRL "Increasing Your Code Speed" 15 to 20 WPM
Two tape set to take one from 15 WPM up thru 20 WPM;
Paper work is included. $12

Gordon West "Radio School" code tape
"10 WPM Plateau Breaker" $8

Vintage ARRL Licensing material:

ARRL License Manuals - $3 each
1977 - 76th edition - All classes
1979 - 77th edition - All classes
1984 - 79th edition - All classes
1984 - 80th edition - All classes
Technician Class - 1989 - First edition
General Class - 1989 - First edition
.........1997 - Second Edition
Advanced Class - 1985 - First edition
.........1990 - Third Edition
Extra Class - 1988 - Third edition

Tune in the World with Amateur Radio
1976 - First Edition - $3

Now You're Talking
1993 - 2nd edition - $10

Sam, Tab Publishing, and Hayden Vintage Licensing material:

General Class Amateur License Study Guide
By Phil Anderson, W0XI; published by Sams
First Edition - 1979 - $3

Amateur Radio General Class License Study Guide
By Jim Kyle and Ken Sessions; Tab Publishing
1975 - 2nd edition - $3

Amateur Radio Advanced Class License Study Guide
By Jim Kyle and Ken Sessions; Tab Publishing
1975 - 2nd edition - $3

Hayden "Radio Operator's License Q & A Manual" by Kaufman
For commercial tests - Eighth Edition - 1976
About 1 1/2 inches thick - $5

Sams Photofact "Master Index"
Lists what is in the various Sam's Photofacts as of
Aug 1960 - Good condition - $8

"Installing your Own Telephones"
By Radio Shack - 3rd edition - 1989 - $3

Repeater Directories - $3 each
1982-83
1983-84
1987-88
1989-90
1999-2000
2000-01

US Repeater MapBook
Includes Repeater Directory, with maps showing their location
For US, Canada, and Mexico - Sixth Edition - $5

Prices do not include shipping from Florida.
Media Mail shipping is relatively inexpensive.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

# 386. Voltage tripler suitability on CW?

Yahoo group: hamradiohomebrew
Date: 2009-01-31 15:16:52 UTC
From: C E
Topic: 386  Message: 386

All:
First of, I'm looking forward to contributing as well as receiving information from this group.

I have purchased a nice 2.1 amp, 120 VAC isolation transformer. However,I would like to build an 6AG7/807 multiband CW transmitter. I can take care of the lower voltage needs and filament issues for both tubes. However, I would like to raise the B+ output using the iso. xfmr to produce around 400 or so volts. Using a tripler, a should theoretically be able to at least produce 360 VDC with a current capability from the transformer of over 700 mils (that is, 2100 mA/3).

Will this be an issue? What problems will I see with regards to voltage regulation, droop, etc? Looking forward to hearing from y'all. Thanks and 73.

Cal in Alexandria, VA

# 387. Re: [hamradiohomebrew] Voltage tripler suitability on CW?

Yahoo group: hamradiohomebrew
Date: 2009-01-31 16:57:17 UTC
From: Jeff Condit
Topic: 386  Message: 387

Well, a typical voltage tripler will usually have more source impedance, and so droop may well be a problem. If possible consider some form of regulation. Also, I assume this is the power output stage we are talking about. Make sure the power of your oscillator sections is rock-solid.

# 388. Re: Voltage tripler suitability on CW?

Yahoo group: hamradiohomebrew
Date: 2009-02-03 15:36:46 UTC
From: john_tartar
Topic: 386  Message: 388

Let me clarify a bit.
120VAC is 120Volts RMS.
So if you rectify and filter that you get the peak voltage ~ 120*1.414
= 169volts.
A tripler will give you 3x that or ~500v
But thats only with no load.

Depending on the size of the filter caps, and the current draw there
will be droop.

If you need 700mA, you will need three hooonking capacitors.
C = I*(dt/dV)
dt=.032 sec; dv =10; i=0.7
Yields about 2500uF capacitors, 300v each?
And thats with 10V ripple on each of 3, 30v total.

--- In hamradiohomebrew@yahoogroups.com, C E <catman351@...> wrote:
>
> All:
> First of, I'm looking forward to contributing as well as receiving
information from this group.
>
> I have purchased a nice 2.1 amp, 120 VAC isolation transformer.
However,I would like to build an 6AG7/807 multiband CW transmitter. I
can take care of the lower voltage needs and filament issues for both
tubes. However, I would like to raise the B+ output using the iso.
xfmr to produce around 400 or so volts. Using a tripler, a should
theoretically be able to at least produce 360 VDC with a current
capability from the transformer of over 700 mils (that is, 2100 mA/3).
>
> Will this be an issue? What problems will I see with regards to
voltage regulation, droop, etc? Looking forward to hearing from y'all.
Thanks and 73.
>
> Cal in Alexandria, VA
>

# 389. Re: [hamradiohomebrew] Re: Voltage tripler suitability on CW?

Yahoo group: hamradiohomebrew
Date: 2009-02-03 17:08:51 UTC
From: Roy J. Tellason
Topic: 386  Message: 389

On Tuesday 03 February 2009 10:36:46 am john_tartar wrote:
> Let me clarify a bit.
> 120VAC is 120Volts RMS.
> So if you rectify and filter that you get the peak voltage ~ 120*1.414
> = 169volts.
> A tripler will give you 3x that or ~500v
> But thats only with no load.
>
> Depending on the size of the filter caps, and the current draw there
> will be droop.
>
> If you need 700mA, you will need three hooonking capacitors.
> C = I*(dt/dV)
> dt=.032 sec; dv =10; i=0.7
> Yields about 2500uF capacitors, 300v each?
> And thats with 10V ripple on each of 3, 30v total.

They're gonna be real spendy up front, and have a finite lifetime. I'd personally go with the right transformer to give me what I wanted, and a more straightforward rectifier and filter setup.

Is that stuff so hard to find these days?

> --- In hamradiohomebrew@yahoogroups.com, C E <catman351@...> wrote:
> > All:
> > First of, I'm looking forward to contributing as well as receiving
>
> information from this group.
>
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> can take care of the lower voltage needs and filament issues for both
> tubes. However, I would like to raise the B+ output using the iso.
> xfmr to produce around 400 or so volts. Using a tripler, a should
> theoretically be able to at least produce 360 VDC with a current
> capability from the transformer of over 700 mils (that is, 2100 mA/3).
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> > Will this be an issue? What problems will I see with regards to
>
> voltage regulation, droop, etc? Looking forward to hearing from y'all.
> Thanks and 73.
>
> > Cal in Alexandria, VA
>
> ------------------------------------

>
> Yahoo! Groups Links
>
>
>

--
Member of the toughest, meanest, deadliest, most unrelenting -- and
ablest -- form of life in this section of space, a critter that can
be killed but can't be tamed. --Robert A. Heinlein, "The Puppet Masters"
-
Information is more dangerous than cannon to a society ruled by lies. --James
M Dakin

# 390. Re: Voltage tripler suitability on CW?

Yahoo group: hamradiohomebrew
Date: 2009-02-05 09:58:16 UTC
From: C E
Topic: 386  Message: 390

Thanks John:
Interesting observation. However, while I did mention a capability of 700 mils, I suspect I'll take no more that 100-150 mA. This should result in a capacitance of less than a quarter or around 600 uFd. That is still fairly high but doable. However, I think my best bet would be to go for a voltage doubler instead and be happy with around 350 VDC.

I think there are many existing examples of this type of circuitry derived from the Heathkit line of products that were fairly successful. I suspect I can draw upon these schematics and replicate something.

Thanks for the revisit on this formula. I almost forgot about it! I was able to do back calculations to figure what you were doing.

73 de Cal, N6KYR/4

Re: Voltage tripler suitability on CW?
Posted by: "john_tartar" john_tartar@... john_tartar
Tue Feb 3, 2009 7:36 am (PST)
Let me clarify a bit.
120VAC is 120Volts RMS.
So if you rectify and filter that you get the peak voltage ~ 120*1.414
= 169volts.
A tripler will give you 3x that or ~500v
But thats only with no load.

Depending on the size of the filter caps, and the current draw there
will be droop.

If you need 700mA, you will need three hooonking capacitors.
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> Will this be an issue? What problems will I see with regards to voltage regulation, droop, etc? Looking forward to hearing from y'all. Thanks and 73.
>
> Cal in Alexandria, VA
>

# 391. Why I have to approve members to join

Yahoo group: hamradiohomebrew
Date: 2009-02-24 15:09:31 UTC
From: wa6mhz_1
Topic: 391  Message: 391

I originally set up the group with open membership, and lots of people joined. Suddenly, there was all sorts of SPAM, and I had to go crazy deleting disgusting posts and flushing the perps. So now I set it up so I can carefully monitor who comes in. All that is requested is that you not be a SPAM bot out to flood the group with rotten messages. SO thank you for your patience when trying to join. It may take me a day to find your new membership request, but you will be allowed in if you mention something that assures me you are not here to spam the group. Thanks and 73!!!!

# 392. Visit the Photos section!

Yahoo group: hamradiohomebrew
Date: 2009-04-03 18:38:08 UTC
From: wa6mhz_1
Topic: 392  Message: 392

I just uploaded pix of the 6 modules completed for the 6 meter SSB rig I am building. You will see the front panel and display on the openning screen to the group.

The modules built are:
36M oscillator
50 to 14 RX Converter
14-9 RX and TX Mixers
9Mhz BFO Oscillators
IF Amp and Product Detector
Balanced Modulator

Not shown (but to be added later) are the VFO, Power Audio Amp and Digital Display.

I need to wire these up to test and calibrate them. Notice the nice card cages built to hold them. This is all hand made. Also notice there are no visible resistors or capacitors. OH, they are there, on the backsides of the PCBs, all 1206 or smaller Surface mount chips. Very easy to work with, much nicer than old fashioned through hole parts.

All are built on Radio Shack PCBs and have I/O connectors for interfacing to other modules.

Modules left to be built are:
Xtal filter and switching
14 to 50 TX mixer
TX Driver
TX Power Amp and T/R relay assy.
AGC circuit (yet to be designed)
Audio driver
AM detector
Speech Amp
S-Meter driver circuit

Some of these are yet to be designed, but I am working on it.

So Progress is being made, along with all the vintage radio restorations.

73

# 393. Converter problems

Yahoo group: hamradiohomebrew
Date: 2009-04-07 13:37:44 UTC
From: wa6mhz_1
Topic: 393  Message: 393

Having top notch test equipment gave me the false comfort that getting this 6M SSB rig to work would be a snap. Because it is modularized, I can test each section separately and get them to work before mating it up.

The Local Oscillators worked fine, and by adding coils and caps, I was able to stretch the crystals to be tuned to the exact frequency. That is why you see the funny long coil on the 36Mhz oscillator stage. It had to be added and stretched until the crystal was oscillating on exactly 36.000.000 Mhz. I put some Hot Glue over it to secure the coil from any movement.

So the output from the 36M LO was high and is fed into Gate 2 of the 40673 Mixer in the RF Converter. Maybe too high? And the output from the RF Amp is too low. I would expect to get more RF Out than in from the RF amp, but that isn't so. I checked the tuned circuits, and they resonate, but still the output is poor. So I cranked up the Input sig on 50.100 to 0 dbm and continued

The output from the mixer is a weird series of sine waves. Most of it is 36 Mhz feedthrough. I don't see any 14.1 mhz signal at all, so it isn't mixing.

I wonder if I am going to have to tear out the 40673 and install a SRA-1 Double Balanced mixer to get it to work. I plan on using one in the other direction for the Transmit signal. Maybe the high LO signal blew out the 40673, but the tuned ciruits in the mixer still tune, just no 14.100 output. I can watch the waveforms on my 200 Mhz scope and Spectrum Analyzer.

Having great test equipment sure helps, but doesn't help enough. I started with a grounded gate RF amp, and went to a Grounded source (through a 270 ohm resistor and .005 cap in parallel.

I am robbing circuits out of ARRL Handbooks and the old Solid State design book This is 1980 technology using 2009 SMT parts.

Well, maybe more will work today. I am going to build up the Crystal filter and switching assy. The switch was robbed out of an article for a modern SSB rig, and uses a 74HC4053 which acts as a Double pole double throw RF Switch. Will see how that works out.

73!

# 394. Coax Connectors/adapters, Meters, and Manuals FS

Yahoo group: hamradiohomebrew
Date: 2009-04-11 22:01:40 UTC
From: Ken Simpson, W8EK
Topic: 394  Message: 394

Coax connectors and adapters, Meters, and Manuals For Sale:

Prices are per connector. Several of each are available.
These are connectors that I have accumulated over 40+ years
and not used.

BNC male
standard type - $2
crimp on type - $3

Chassis mount BNC female square mount (uses 4 screws) - $3
screw in type - $4

BNC 90 degree - female to male - $3

BNC "T" - two female and one male - $3

Antenna adapter to fit the BNC connector on the HT
and provide an SO-239 connector that will permit
a PL-259 to be attached. (BNC male to UHF female) $5

UHF Male (PL-259) to BNC female (opposite of above) $5

UHF double female "Barrel connector" (two SO-239 together) $3

UHF double male (Two PL-259 together) - $4

UHF "T" connector with two female (SO-239) and one male
(PL-259) connection - $5

Very heavy duty chokes, as used to filter ripple in high
current power supplies.
These chokes (inductors) weigh about 8 pounds each, and
are designed to be used in low voltage applications. They
were both removed from power supplies, and are in close to
new condition.
One is from a 20 amp power supply. $13.
Another is from a 30 amp power supply. $15.

Meters:

General Electric Edgewise DC ammeter
0-100 ma scale - Edgewise meter with scale 5+ inches
long and 1.7 inches high. White scale, w/ silver/gray mounting
This is a very nice meter that can be read across the room. $30

LabVolt AC ammeter
0-1 amp scale, 4 inch square meter, $18

LabVolt DC ammeter
0-1 amp scale, 4 inch square meter, $18

DC voltmeter has 3 scales on it - 5, 10, and 25 volts.
It says it is a Niehoff Voltmeter, Chicago, Model T-2.
It looks like 1930s vintage, and is in very nice shape. $28

Heath 1407-58 meter
Still in its original box. Scale is 0 to 5, and looks to
be used for relative strength. $7

Meter movement from Heath RF Power Meter
This is a 200 ua meter movement, with a white scale. It
is about 2 5/8 inches wide and 2 1/2 inches high. It
says "Ideal Precision Meter Co" on the back. I think it
is from a Heath SWR Bridge.
This one works fine and looks great also. $12

Gonset ORIGINAL manual
Gonset Noise Clipper Model C
This manual has a couple marks in one corner, plus the
paper has yellowed somewhat. Otherwise, it is in good
shape. $4

Original Operating Manuals for Kenwood rigs:

All manuals are in very nice condition, for Kenwood
radios and accessories, unless stated otherwise.
All are original and are not copies.

Operating manual for BC-5 DC charger/adapter $4

Operating manual for MC-30 and MC-35 hand microphone $5

Operating manual for MC-80 desk microphone $5

Operating manual for MC-85 desk microphone $4

Operating manual for PS-30 power supply $5

Operating manual for SMC-24 speaker mic $4

Operating manual for SMC-25 speaker mic $4

Operating manual for TH-21 A / AT HT for 2 meters $8

Operating manual for TH-41A/BT/E, TH-31A/BT, TH-21A/BT/E
HTs for 440 MHz, 220 MHz and 2 meters $10

Service manual for TH-21 series HTs $20

Operating manual for TH-215 / 315 / 415 HTs $12

Operating manual for TH-225, 2 meter HT $12

Operating manual for TM-221 / 421 mobile $15

Operating manual for TM-231 / 331 / 431 / 531 mobile
FM transceivers for 2 meters, 220 MHz, 440 MHz, and
1200 MHz. $12

Operating manual for TR-2200, 2 meter "portable"
This is very similar to the Drake TR-22. $12

Operating manual for TR-2400, 2 meter HT $12

Operating manual for TR-2500, 2 meter HT $12

Operating manual for TR-2600, 2 meter HT $12

Service manual for TR-2600, 2 meter HT $12

Operating manual for TS-120, HF transceiver $18

Operating manual for TW-4000 dual bander $15

Service Manual for TW-4000 dual bander $20

These are Kenwood Original Manuals only.

ORIGINAL Icom operating manuals:
Please note that all of these are original Icom
manuals and are not copies.
All are in very good condition, unless noted otherwise.
These are original manuals only.

BC-30 Desk Charger $7
BC-35 Desk Charger $7
BP-2, BP-3, BP-4, and BP-5 Batteries $3
BP-21, BP-22, BP-23, and BP-24 Batteries $3
IC-229, 2 meter mobile transceiver $15
IC-230, 2 meter mobile transceiver $15
IC-3 PA Power supply $10
SM-5 Microphone $3
UT-16 Voice Synthesizer $5

These are original Icom manuals only.

ORIGINAL Heath manuals. These are manuals
only. They are all originals and are not copies.

Heath CO-1 Code Practice Oscillator
1959, Extremely nice, with NO check marks
Pictorials included $7

HM-2102 VHF Wattmeter 1972
Very nice condition. No check marks.
Schematic is part of book. $15

HW-2021 Assembly manual 1975
2 meter hand held transceiver
No check marks $10

HD-15 Hybrid Phone patch
1965, Schematic is part of book $8

HN-31A "Cantenna" Dummy Load
1982 for the "A" model, no check marks $8

HD-1234 Coax Switch
1973, Four Position Coax Switch
Like new, no check marks $8

GD-600 Photoelectric Light Switch
Schematic is part of book $6

IM-5284 Multimeter
Large schematic only $3

These are original manuals only.

The following Texas Instrument Data Books are available.
All are in very nice condition, with very little use.

Analog Applications Journal - $2 each
August 1999
Nov 1999
Feb 2000
May 2000
August 2000
Nov 2000

AHC/AHCT Designer's Guide - June 1999 $2

Mixed-Signal and Analog Products Designer's Guide
And Reference w/CD - January 1999 $4

Analog and Mixed Signal Products Designer's Guide
And Reference - August 1999 $3

Logic Selection Guide - August 1998 $4

BiCMOS Bus Logic Interface - 1988 $2

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

# 395. 2 meter transceiver homebrew

Yahoo group: hamradiohomebrew
Date: 2009-04-20 07:38:15 UTC
From: luuk_h
Topic: 395  Message: 395

Hello All,

I have started a blog about my homebrew 144 Mhz transceiver.
It can be found here http://pa3emy.blogspot.com/
I is a microcontroller controlled PLL FM transceiver.

I have build it in several tin cans. It does work but it nees a lot of improvement. Now it is time to put those cans into a neat box.

Then I can start impoving things.
I hope you guys can help me with some problems that will pop up

# 396. Re: Visit the Photos section!

Yahoo group: hamradiohomebrew
Date: 2009-05-06 10:21:47 UTC
From: luuk_h
Topic: 392  Message: 396

Hi,
Nice pictures. I enjoy wathing the creations of fellow hombrewers.
I wonder what are your experiences whith these pcb's on high frequencies. I have had bad experiences whith these pcb's on hf.

regards
Luuk Hilhorst
PA3EMY

--- In hamradiohomebrew@yahoogroups.com, "wa6mhz_1" <wa6mhz_1@...> wrote:
>
> I just uploaded pix of the 6 modules completed for the 6 meter SSB rig I am building. You will see the front panel and display on the openning screen to the group.
>
> The modules built are:
> 36M oscillator
> 50 to 14 RX Converter
> 14-9 RX and TX Mixers
> 9Mhz BFO Oscillators
> IF Amp and Product Detector
> Balanced Modulator
>
> Not shown (but to be added later) are the VFO, Power Audio Amp and Digital Display.
>
> I need to wire these up to test and calibrate them. Notice the nice card cages built to hold them. This is all hand made. Also notice there are no visible resistors or capacitors. OH, they are there, on the backsides of the PCBs, all 1206 or smaller Surface mount chips. Very easy to work with, much nicer than old fashioned through hole parts.
>
> All are built on Radio Shack PCBs and have I/O connectors for interfacing to other modules.
>
> Modules left to be built are:
> Xtal filter and switching
> 14 to 50 TX mixer
> TX Driver
> TX Power Amp and T/R relay assy.
> AGC circuit (yet to be designed)
> Audio driver
> AM detector
> Speech Amp
> S-Meter driver circuit
>
> Some of these are yet to be designed, but I am working on it.
>

> So Progress is being made, along with all the vintage radio restorations.
>
> 73
>

# 397. Re: Converter problems

Yahoo group: hamradiohomebrew
Date: 2009-05-16 14:19:53 UTC
From: af6lj
Topic: 393  Message: 397

Hi Pat;
I have a mental picture of your mixer in my head...
Just a couple of questions.

How much drive do you have out out of your 36MHZ LO?

If you have a lot, like +6 or so DBM have you considered driving the source with your LO and jsut placing a DC bias on that gate?
Your mixer sounds like it's operating more like an amplifier than a mixer. :(

You may be able to get the mixer to behave with less drive.
I'm a big fan of PI attenuators, they cure a lot of ills. :)

The problem (as you are well aware)with using a DBM module is they are rather lossy and take quite a bit of LO drive.

--- In hamradiohomebrew@yahoogroups.com, "wa6mhz_1" <wa6mhz_1@...> wrote:
>
> Having top notch test equipment gave me the false comfort that getting this 6M SSB rig to work would be a snap. Because it is modularized, I can test each section separately and get them to work before mating it up.
>
> The Local Oscillators worked fine, and by adding coils and caps, I was able to stretch the crystals to be tuned to the exact frequency. That is why you see the funny long coil on the 36Mhz oscillator stage. It had to be added and stretched until the crystal was oscillating on exactly 36.000.000 Mhz. I put some Hot Glue over it to secure the coil from any movement.
>
> So the output from the 36M LO was high and is fed into Gate 2 of the 40673 Mixer in the RF Converter. Maybe too high? And the output from the RF Amp is too low. I would expect to get more RF Out than in from the RF amp, but that isn't so. I checked the tuned circuits, and they resonate, but still the output is poor. So I cranked up the Input sig on 50.100 to 0 dbm and continued
>
> The output from the mixer is a weird series of sine waves. Most of it is 36 Mhz feedthrough. I don't see any 14.1 mhz signal at all, so it isn't mixing.
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> I wonder if I am going to have to tear out the 40673 and install a SRA-1 Double Balanced mixer to get it to work. I plan on using one in the other direction for the Transmit signal. Maybe the high LO signal blew out the 40673, but the tuned ciruits in the mixer still tune, just no 14.100 output. I can watch the waveforms on my 200 Mhz scope and Spectrum Analyzer.
>
> Having great test equipment sure helps, but doesn't help enough. I started with a grounded gate RF amp, and went to a Grounded source (through a 270 ohm resistor and .005 cap in parallel.

>
> I am robbing circuits out of ARRL Handbooks and the old Solid State design book This is 1980 technology using 2009 SMT parts.
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> Well, maybe more will work today. I am going to build up the Crystal filter and switching assy. The switch was robbed out of an article for a modern SSB rig, and uses a 74HC4053 which acts as a Double pole double throw RF Switch. Will see how that works out.
>
> 73!
>

# 398. Re: Converter problems

Yahoo group: hamradiohomebrew
Date: 2009-05-18 19:44:32 UTC
From: wa6mhz_1
Topic: 393  Message: 398

I got a signal through the RX Converter now, though it is way down from what it should be. I added a 2nd RF amp, but it only shows 6 db gain. So there is some more Hair Tearing to do on this mixer. That is an excellent Idea about the Source drive.

I moved on to the transmit section and watched the output from the TX mixer after going through a DBM. You wouldn't believe the amount of signals coming out of it! Everywhere BUT on 50 mhz where I want it!
So a narrow bandpass filter will be needed to make sure there isn't a bunch of harmonics and spurs because of that!

Something is fishy in my Balanced modulator now. I have a good 9Mhz LO in, and good audio in, but don't see any RF out of the modulator.
Radio design is very difficult, but I guess I still have plenty of time to cure the ills. Atleast I do hear a RX signal through it now, though sensitivity is about -50 dBM, way way numb!

--- In hamradiohomebrew@yahoogroups.com, "af6lj" <sa-robins@...> wrote:
>
> Hi Pat;
> I have a mental picture of your mixer in my head...
> Just a couple of questions.
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> How much drive do you have out out of your 36MHZ LO?
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> Your mixer sounds like it's operating more like an amplifier than a mixer. :(
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> >
> > 73!
> >
>

# 399. RE: [hamradiohomebrew] Re: Converter problems

Yahoo group: hamradiohomebrew
Date: 2009-05-19 15:48:16 UTC
From: Susan A. Robins
Topic: 393  Message: 399

RF system design certianly isn't easy......

I haven't worked with a MC1496 before, it certianly is
an attractive looking device for that application.

Your transmit mixer issue could be a drive related
issue.
Maybe too much drive.

What do you get out of your mixer when only one signal
is present?

If you don't already have one; one of those Kay
electronics attunators would come in handy right about
now.
I happen to have one (actually two) like a dremel tool
they sit on the shelf collecting dust except for that
once a year when you really need it.
They can be a real godsend when it comes to checking and
adjusting levels.

Looking foward to hearing how things come out.

Take care;
Sue

-----Original Message-----
From: hamradiohomebrew@yahoogroups.com
[mailto:hamradiohomebrew@yahoogroups.com]On Behalf Of
wa6mhz_1
Sent: Monday, May 18, 2009 12:45 PM
To: hamradiohomebrew@yahoogroups.com
Subject: [hamradiohomebrew] Re: Converter problems

I got a signal through the RX Converter now, though it
is way down from what it should be. I added a 2nd RF
amp, but it only shows 6 db gain. So there is some more
Hair Tearing to do on this mixer. That is an excellent
Idea about the Source drive.

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> Hi Pat;
> I have a mental picture of your mixer in my head...
> Just a couple of questions.
>
> How much drive do you have out out of your 36MHZ LO?
>
> If you have a lot, like +6 or so DBM have you
considered driving the source with your LO and jsut
placing a DC bias on that gate?
> Your mixer sounds like it's operating more like an
amplifier than a mixer. :(
>
> You may be able to get the mixer to behave with less
drive.
> I'm a big fan of PI attenuators, they cure a lot of
ills. :)
>
> The problem (as you are well aware)with using a DBM
module is they are rather lossy and take quite a bit of
LO drive.
>
> --- In hamradiohomebrew@yahoogroups.com, "wa6mhz_1"
<wa6mhz_1@> wrote:
> >
> > Having top notch test equipment gave me the false
comfort that getting this 6M SSB rig to work would be a
snap. Because it is modularized, I can test each section
separately and get them to work before mating it up.
> >
> > The Local Oscillators worked fine, and by adding
coils and caps, I was able to stretch the crystals to be
tuned to the exact frequency. That is why you see the
funny long coil on the 36Mhz oscillator stage. It had to
be added and stretched until the crystal was oscillating
on exactly 36.000.000 Mhz. I put some Hot Glue over it
to secure the coil from any movement.
> >
> > So the output from the 36M LO was high and is fed
into Gate 2 of the 40673 Mixer in the RF Converter.
Maybe too high? And the output from the RF Amp is too

low. I would expect to get more RF Out than in from the RF amp, but that isn't so. I checked the tuned circuits, and they resonate, but still the output is poor. So I cranked up the Input sig on 50.100 to 0 dbm and continued
> >
> > The output from the mixer is a weird series of sine waves. Most of it is 36 Mhz feedthrough. I don't see any 14.1 mhz signal at all, so it isn't mixing.
> >
> > I wonder if I am going to have to tear out the 40673 and install a SRA-1 Double Balanced mixer to get it to work. I plan on using one in the other direction for the Transmit signal. Maybe the high LO signal blew out the 40673, but the tuned ciruits in the mixer still tune, just no 14.100 output. I can watch the waveforms on my 200 Mhz scope and Spectrum Analyzer.
> >
> > Having great test equipment sure helps, but doesn't help enough. I started with a grounded gate RF amp, and went to a Grounded source (through a 270 ohm resistor and .005 cap in parallel.
> >
> > I am robbing circuits out of ARRL Handbooks and the old Solid State design book This is 1980 technology using 2009 SMT parts.
> >
> > Well, maybe more will work today. I am going to build up the Crystal filter and switching assy. The switch was robbed out of an article for a modern SSB rig, and uses a 74HC4053 which acts as a Double pole double throw RF Switch. Will see how that works out.
> >
> > 73!
> >
>

No virus found in this outgoing message.
Checked by AVG - www.avg.com
Version: 8.5.339 / Virus Database: 270.12.33/2120 -
Release Date: 05/19/09 06:21:00

# 400. Lets post!

Yahoo group: hamradiohomebrew
Date: 2009-08-21 13:48:05 UTC
From: wa6mhz_1
Topic: 400  Message: 400

I haven't posted much lately, but have been VERY BUSY homebrewing.

1st project is a 6 meter Kilowatt linear. (2 4CX250Rs)

The power supply has been built and tested. This was very complicated and dangerous, as it puts out 2500V! A special logic PCB had to be made to control the timing of relays that turn on cicuits.

Here is the sequence: Turn the main power switch on. At this point, the Filaments begin to heat, and the Blower comes on. Now there is a 2 minute delay before the High Voltage is enabled, to allow the tubes to heat up properly. After the 2 min, the HV is enabled, but not at full power. A 5 second delay occurs before the transformer is allowed to come up to full voltage. Now the Amp is ready to run. At power off, the blower continues to run for 2 Min before shutting off. Very complicated circuitry. Then there is the Screen supply which is regulated by 3 OA2 tubes. Finally, there is the Bias circuit, also OA2 regulated. This is all tested and works great.

The RF portion is in a small 2nd cabinet, and I have the tubes and sockets mounted, along with the final tank circuit. Alot more work to do on that. Will supply a bunch of pics as I go along.

The next project is a Homebrew Heathkit HP-23 power supply. A correct transformer and Caps were used, but the rest homebrewed INCLUDING the chassis, made from angle aluminum, bar stock and sheet panels. Also very complicated, but finished and works great.

The final project is the Power supply for a Hallicrafters SR-400 I got off of Ebay. This was a BEAR to get the voltages right, but it is now functional and finished except for the cabinet, which I am waiting on obtaining some perforated aluminum to get. It will go in an old Heathkit SB-303 cabinet.

So, lots being built!

73

# 401. Coaxial Antenna Switches and Connectors FS

Yahoo group: hamradiohomebrew
Date: 2009-08-28 17:01:27 UTC
From: Ken Simpson, W8EK
Topic: 401  Message: 401

Coaxial Antenna Switches and Connectors For Sale:

All antenna switches have SO-239 connectors.

B & W Model 593 Coax Switch
This is the switch that is in a rectangular box about 6
inches long, with four SO-239 connectors coming out
of the back. It will switch 3 antennas, grounding the
antennas that are not in use. It works great.
In its original box, with paper work for $35.

B & W Model 550 A coax switch
This model will switch up to 5 antennas, and does NOT
ground unused antennas. It has the coax coming out the
sides like spokes of a wheel. $35

Five position Coax Switch
This switch looks to be the same as the B & W 550 A,
but it is not. Same styling, but the unused connectors
ARE grounded. Coax out the sides like spokes of a
wheel. $35

Unknown brand of four position antenna switch
This is in a large round copper container painted black,
about 5 inches in diameter, with a large (about 3 inch)
black knob. A heavy duty grounding bolt is included.
Unused positions are NOT grounded. Coax out the sides
like spokes of a wheel. $25

Heath HD-1234 Antenna Switch
This switch will transfer four antennas. The coax
comes out of the sides like spokes of a wheel. Unused
connectors ARE grounded. Mounting bracket and paper
work included for $25.

Dow Key antenna relay
This is similar to the antenna relay like we used
in the 1960's to switch between transmit and receive.
It has a 120 V coil, but no auxiliary contacts. $30

Coax connectors and adapters For Sale:
Prices are per connector. Several of each are available.
These are NOS (have not been used).

BNC male
standard type - $2
crimp on type - $3

Chassis mount BNC female square mount (uses 4 screws) - $3
screw in type - $4

BNC 90 degree - female to male - $3

BNC "T" - two female and one male - $4

Antenna adapter to fit the BNC connector on the HT
and provide an SO-239 connector that will permit
a PL-259 to be attached. (BNC male to UHF female) $5

UHF Male (PL-259) to BNC female (opposite of above) $5

UHF double female "Barrel connector" (two SO-239 together) $3

Chassis Mount SO-239 connectors (square) $3

UHF "T" connector with two female (SO-239) and one male
(PL-259) connection - $5

UHF female (SO-239) to type "F" Male (as used on cable TV) $5

Type "F" (cable TV) female to BNC male - $5

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

# 402. Transistor Substitution and other technical books FS

Yahoo group: hamradiohomebrew
Date: 2009-09-09 15:45:56 UTC
From: Ken Simpson, W8EK
Topic: 402  Message: 402

For Sale:

Transistor Substitution Books:

All are in excellent condition.

Sams Transistor Substitution Handbook
Second Edition, 1961, 112 pages, $5

Sams Transistor Substitution Handbook No. 10
Tenth Edition, 1970, 160 pages, $6

Sams Transistor Substitution Handbook No. 14
14th Edition, 1974, Larger book, $8

Sylvania ECG Semiconductor replacement guide
1976, larger book, 276 pages, $8

Sylvania ECG Semiconductor Master Replacement Guide
1987, larger book, about 700 pages, $15

Archer Transistor Replacement Guide
62-1015, No date listed, 8000 substitutions, $5

Archer Transistor Substitution Guide
276-2000, 1972, 15,000 types, 96 pages, $5

Other Publications For Sale:

Allied Dictionary of Electronic Terms
Fifth Edition, 1960, like new condition, $10

B & W "Filter Facts"
This 16 page booklet explains how low pass TVI filters
work, why they are needed, and why you should use one.
No date, but appears to be 1950 or 60's vintage. $5

ARRL Learning to work with Integrated Circuits
1977, First edition $12

The following books are often used as text books at the two
year community and technical college level.

Understanding Electricity and Electronics Student Lab Guide
by Science Electronics, 135 page paper back $12

Study Guide for Electronics Fundamentals, McIntyre
Paper back with about 200 pages of study material
w/answers. $15

Experiments in Electrical Circuit Analysis, Schuler
About 200 pages, including programs. $50

Computers by Long and Long
Large book with about 750 pages. Answers to problems
included. Like new. $20

A Guide to Managing and Maintaining Your PC by Andrews
Sometimes used for A+ computer certification. About 750
pages, plus CD. Like new. $30

Books about Digital Communications:

CQ: The Packet Radio Operators Manual
By Buck Rogers, K4ABT, 1995
Close to new condition, $14

The Radio Amateur's Digital Communications Handbook
By KR3T, J Mayo, Published by Tab
Hardback Book, Like New, 208 pages, 1992, $12

ARRL Specialized Communications Techniques
1976, First edition
Covers ATV (both fast and slow scan), FAX, RTTY, and
many other special modes
This book is in close to new condition. $12

ARRL The Satellite Experimenter's Handbook
1984, First Edition, $8
1990, Second Edition, $15

Tab Books:
"Oscar: The Ham Radio Satellites" by Dave Ingram, K4TWJ
1979, First Edition, Hardback, Like new, $15

ARRL Handbooks:

These are in the smaller format (6 1/2 by 9 1/2 inch size).
They include tube charts and ads for vintage equipment,
which are not in the newer handbooks.
1977 - 54th edition - Good condition $10

More modern, larger 8 1/2 by 11 inch format:
1981 - 58th edition - Nice shape $13
1982 - 59th edition - Good condition $11
1992 - 69th edition, hard back, like new $20

ARRL Understanding Amateur Radio
1977, no edition number listed, $8

1977 US Callbook
It may have your call sign in it, if you were licensed
in 1977. This particular book is in extremely nice
condition. Although it is over 30 years old, it looks

very close to new, other than having a previous owner's
callsign on the front. $15

Passport to World Band Radio, 2004
Detailed info about receivers, where to listen, etc. $8

WRTH - World Radio TV Handbook, 2004
Directory of Global Broadcasting, $8

W5YI Books:
"Ham Operator Education Package" 1992, $4
W5YI "Rules and Regulations - Part 97 Amateur Radio Service"
1993, Fourth Edition, $3
2002, 17th Revised Edition, $4

ARRL How to Become a Radio Amateur,
1970, 26th edition,
Extremely nice, close to new condition, with many
vintage ads in the back, $15

ARRL Radio Frequency Interference
1978, First Edition, $10

ARRL FCC Rule book
1988 - seventh edition - $3
1989 - eighth edition - $3
2004 - 13th edition - $10

ARRL Radio Amateurs Operating Manual
1985, 2nd edition, $8

RSGB "Amateur Radio Operating Manual"
1982 - 2nd edition - $8

ARRL Public Service Communications
1985 - Ninth edition - $3
1990 - no edition number listed - $3

ARRL Amateur Radio Field Resources Directory
1986-87 - First edition - $ 7

ORIGINAL Heath manuals. These are the manuals
only. They are all originals, and not copies, and
all are close to new condition.

AM-2 Reflected Power Meter
(Also known as SWR Meter), 1960,
w/ schematic and pictorial, $8

GD-600 Photoelectric Light Switch
Schematic is part of book $5

HD-15 Hybrid Phone patch
1965, Schematic is part of book. $8

HD-1234 Coax Switch
1973, Four Position Coax Switch
Like new, no check marks $7

Heath HDP-21 Desk Microphone
1969, Great condition, $4

HM-15 Reflected Power Meter and SWR Bridge
1968, Schematic is in book, $8

HM-2102 VHF Wattmeter 1972
Very nice condition. No check marks.
Schematic is part of book. $15

HN-31A "Cantenna" Dummy Load
1982 for the "A" model, $7

HW-2021 Assembly manual - 1975
2 meter hand held transceiver
No check marks $9

IM-5284 Multimeter
Large schematic only $3

SB-102 HF Transceiver
Schematic Only, Large fold out page, $4

T-2 Signal Tracer
No date listed, but I would guess from the 1950's, $8

Brochure "Heathkit Specials" featuring the Twoer and Sixer,
SB series, HR-20, and others. $4

These are original manuals only.

Gonset ORIGINAL manual:
Gonset Noise Clipper Model C $4

ORIGINAL Operating Manuals for Kenwood Rigs:

All manuals are original, in very nice condition, for
Kenwood radios. They are originals and not copies.
All are original Kenwood manuals in very nice condition.

Operating manual for TH-21 A / AT HT for 2 meters $8

Operating manual for TH-41A/BT/E, TH-31A/BT, TH-21A/BT/E
HTs for 440 MHz, 220 MHz and 2 meters $10

Operating manual for TH-215 / 315 / 415 HTs $12

Operating manual for TH-225, 2 meter HT $12

Operating manual for TM-221/421 2 m mobile $15

Operating manual for TR-2200, 2 meter "portable"
This is very similar to the Drake TR-22. $15

Operating manual for TR-2400, 2 meter HT $12

Operating manual for TR-2500, 2 meter HT $14

Operating manual for TR-2600, 2 meter HT $12
Service manual for TR-2600 $12

Operating manual for TS-120, HF transceiver $18

Operating manual for TW-4000 dual bander $15
Service Manual for TW-4000 $20

ORIGINAL Icom operating manuals:
Please note that all of these are original Icom manuals
and are not copies.
All are in very good condition, unless noted otherwise.
These are original manuals only.

BC-30 Desk Charger $7
BC-35 Desk Charger $7
BP-2, BP-3, BP-4, and BP-5 Batteries $3
BP-21, BP-22, BP-23, and BP-24 Batteries $3
IC-229, 2 meter mobile transceiver $15
IC-230, 2 meter mobile transceiver $15
IC-3 PA Power supply $10
UT-16 Voice Synthesizer $5

These are original manuals only.

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

# 403. Need advice: voltage doubler circuit/HP-23

Yahoo group: hamradiohomebrew
Date: 2009-09-27 04:38:30 UTC
From: C E
Topic: 403  Message: 403

Hello to all:
As a technical exercise, I would like to build an HP-23 clone, for fun.  What spurred me was a copy of the HP-23 power supply schematic.  The "h.v." winding was shown at 268 VAC. Well, I do happen to have an isolation transformer at 240 VAC which is only 24 VAC shy of the HP-23's version.  The '23 eventually multiplies the voltage to 820 VDC unloaded.  This is about 3 times the amount of the voltage output of the transformer.  So what is the actual formula for a voltage doubler? input  x 2.5? x 3?

Inquiring minds wanto to know. 73 de Cal, N6KYR/4

# 404. Tube sockets and tubes FS

Yahoo group: hamradiohomebrew
Date: 2009-10-03 14:43:03 UTC
From: Ken Simpson, W8EK
Topic: 404  Message: 404

Tube sockets and tubes for sale:

These sockets are NOS (New, unused, but old stock
from a silent key). They have not had solder on them.
Of course, even though the 9 pin sockets are designed
so that they can be used with twist lock shields,
there is nothing saying a shield needs to be installed.
They can be used as regular sockets.

9 pin socket, for tubes such at 12AU7, etc.
NOS, phenolic, designed for twist lock shield - $1 each

7 pin socket, for tubes such as 6AU6, etc.
NOS, phenolic - $1 each

Tubes For Sale:

Note: All tubes are NOS (New, but Old Stock).

Rectifier tubes:
0 Z 4 - $5
1B3 - $1
5R4 - $8
5V4 - $8
5Z3 - $10
5642 - 10,000 PIV, w/ wire leads - $5

Regulator tubes: $5 each
Several of each available.
0 A 2
0 D 3

Amperite Ballast tubes: $8 each
Several of each available.
1H46
3-16
3-38

Loctal tubes:
Several of each available.
7A8 - $ 4 each
7B4 - $ 4 each
7C5 - $ 8 each
7F7 - $ 8 each
7K7 - $ 6 each
7N7 - $ 9 each
7Q7 - $ 5 each

1620 - selected, low microphonic metal 6J7 - $8

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

# 405. REDUCED: 35 watt UHF Amplifier

Yahoo group: hamradiohomebrew
Date: 2009-11-14 12:31:53 UTC
From: Bry Carling
Topic: 405  Message: 405

FOR SALE:

KLM 35 Watt amplifier for the 70 cm band. Has N connectors
and for input and output, power cable etc. Switchable - for use with
AM-SSB-CW modes and for FM. Very clean and in good working
condition.  4 or 5 watts in produces 35 plus out.
Requires 12V DC and comes with the  power cable.

35 watt all-mode amplifier Model PA 10-36CL
Input required is 5 to 10 watts for full output of 35 watts.
I used one of these years ago to work OSCAR satellites with
2 or 3 watts of drive from an ICOM IC402 portable SSB-CW rig
and got about 18 - 20 watts p.e.p. out.

Was asking $49.00
Now Available for $39.00 plus shipping

Picture and details at:
http://www.af4k.com/radios.htm

73 - Brian, AF4K

# 406. 2 m parts unit, connectors, meters, and much, much more FS

Yahoo group: hamradiohomebrew
Date: 2009-11-14 16:34:45 UTC
From: Ken Simpson, W8EK
Topic: 406  Message: 406

Two Meter Parts unit, plus many connectors, meters,
parts, cables, rubber duck antennas, original manuals,
and much more for sale:

Icom IC-230 Two Meter FM Transceiver

This was one of the first synthesized 2 meter FM rigs made.
From Icom, it covered the 146 and 147 MHz segments, which
were the only FM band segments at the time. It has about
10 watts output, as it came from Icom.

Since it was one of the first, it is also a rig that has
many modifications for it. This one has a high-low power
switch added, with a pot to adjust the low power.

This particular unit is not working at the present time. It
appears to have had a switch added that might be to give it
the 145 MHz band segment, or it could be for something else.

Fix it, or use it for parts. Radio only, with no accessories.
$10

Coax connectors and adapters
Prices are per connector. Several of each are available.
These are NOS (have not been used).

BNC male
standard type $2
crimp on type $3

Chassis mount BNC female square mount (uses 4 screws), $3
screw in type, $4

BNC 90 degree, female to male $3

BNC "T" - two female and one male $4

Antenna adapter to fit the BNC connector on the HT
and provide an SO-239 connector that will permit
a PL-259 to be attached. (BNC male to UHF female) $5

UHF Male (PL-259) to BNC female (opposite of above) $5

UHF double female "Barrel connector" (two SO-239 together) $3

Chassis Mount SO-239 connectors (square) $1

UHF "T" connector with two female (SO-239) and one male
(PL-259) connection $5

UHF female (SO-239) to type "F" Male (as used on cable TV) $5

Type "F" (cable TV) female to BNC male $5

LARGE Analog Meters

General Electric Edgewise DC ammeter
0-100 ma scale - Edgewise meter with scale 5+ inches
long and 1.7 inches high. White scale, w/ silver/gray mounting
This is a very nice meter that can be read across the room. $30

LabVolt AC ammeter
0-1 amp scale, 4 inch square meter, $20

LabVolt DC ammeter
0-1 amp scale, 4 inch square meter, $20

DC voltmeter has 3 scales on it - 5, 10, and 25 volts.
It says it is a Niehoff Voltmeter, Chicago, Model T-2.
It looks like 1930s vintage, and is in very nice shape. $28

Very heavy duty chokes, as used to filter ripple in high current
power supplies.
These chokes (inductors) weigh about 8 pounds each, and
are designed to be used in low voltage applications. They were both
removed from power supplies, and are in close to new condition.
One is from a 20 amp power supply. $13.
Another is from a 30 amp power supply. $15.

Miscellaneous Heath Parts

SB-630 Station Console parts
Most of the internal parts are available, including
reflectometer assembly, transformer, switches, etc.
The case and clock assembly is gone.
Please let me know what you need.

Crystal for 12.545 MHz, Heath Part #404-302
Used in Heterodyne oscillator in HW and SB line rigs for
coverage 3650 to 4150 KHz for MARS.
Still in its original box. $12

Chrome Bezel from around Heath HW-202 or HW-2036
two meter transceiver. Front panel bezel. $5

Coax Cable with Type "N" Connectors For Sale:
This cable is made of RG-8 coax and is about 6 feet long.
It has a male type "N" connector on each end. $15

Rubber Duck antennas for your HT.
All are for 2 meters, are in good condition,
and are $10 each, unless stated otherwise.

5/16 inch threaded, like used by Motorola and others
Regular - 5.7 inches long

Stubby - 4 inches long

Type F connector - 6.5 inches long

PL-259 connector - 6.5 inches long
HyGain 275, still in original packaging

PL-259 connector - Stubby - 4.6 inches long
Centurion, still in original package

Special for Kenwood TH-21 HT threaded connector
Kenwood RA-6 regular, 6.6 inches long - $15

Alinco Stubby w/BNC Connector, 4.6 inches long

BNC Stubby for 440 MHz, 3 inches long

Drake plug
"Unobtanium" 3 pin mic plug
This is the small 3 pin mic plug that fits the Drake TR-22
mic jack. It is much smaller than most of the mic connectors.
I thought these were completely gone, but one appeared from
a silent key. This one has been used, but should still be
usable some more. $12

AEA Power Supply
AEA AC-1
"Wall wort" 12 V DC power supply at 1 amp.
Can be used with the AEA PK-232, PK-88 or others.
This unit has a 2.1 mm plug, with the center positive,
so it can be used on many different things that require
12 V DC at up to an amp, such as keyers, antenna tuners, etc.
$15

Paper items with Kenwood Logo

Kenwood Log Book
Completely unused, new condition. It has standard log
book pages, with a world map on the inside cover, and
a DXCC list (as of 1987) in the back. Cover is a
silver color with the Kenwood Logo. $8

World Map with Kenwood Logo
This map is laminated, and lists DXCC Countries, as
of 1985. Obviously, it is not completely up to date,
but still is a very nice map. Like new. $5

Original Kenwood Manuals

All manuals are in very nice, close to new
condition, for Kenwood radios.

Operating manual for TW-4000 dual bander $15
Service manual for TW-4000 dual bander $20

Operating manual for TH-21 HT for 2 meters $8
Operating manual for TH-41A/BT/E, TH-31A/BT, TH-21A/BT/E
..HTs for 440 MHz, 220 MHz and 2 meters $10
Service Manual for TH-21 series HTs $20
Operating manual for TH-225, 2 meter HT $12
Operating manual for TM-221/421 mobile $15
Operating manual for TH-241/441/541 mobile FM transceivers
..For 2 meters, 440 MHz, and 1200 MHz. $12
Operating manual for TR-2200, 2 meter "portable"
..This is very similar to the Drake TR-22. $15
Operating manual for TR-2400, 2 meter HT $12
Operating manual for TR-2500, 2 meter HT $14
Operating manual for TR-2600, 2 meter HT $12
Service Manual for TR-2600, 2 meter HT $15

Spanish version of the Operating Manual
for the Kenwood TM G-707 dual band transceiver
This is the original operating manual only, in Spanish.
It looks like it is quite extensive and detailed.
It is basically new, only being opened to observe that
it is in Spanish only. It is original from Kenwood.
$10

Original Operating Manuals for Kenwood accessories

All manuals are in very nice condition, for Kenwood accessories.
All are original and are not copies.
These are the original operating manuals and not service manuals.

BC-5 DC charger/adapter $4
HS-5 Headphones $4
LF-30A Low Pass Filter $5
MC-30 and MC-35 hand microphones $5
MC-85 desk microphone $4
PB-1, PB-2, PB-3, and PB-4 battery packs $3
PS-6 power supply $6
PS-30 power supply $5
SMC-24 speaker mic $4
SMC-25 speaker mic $4
SP-430 speaker $4
YK-88SN Narrow SSB Filter $4

These are Kenwood Original Manuals only.

ORIGINAL Icom operating manuals

Please note that all of these are original Icom
manuals and are not copies.
All are in very good condition.
These are original manuals only.

BC-30 Desk Charger $5
BC-35 Desk Charger $7
BP-2, BP-3, BP-4, BP-5 battery packs $3
BP-21, BP-22, BP-23, and BP-24 Batteries $3
DC-1 DC pack for IC-2 AT series HTs $4
HM-8 Hand Microphone, w/schematic $5
IC-2 AT, 2 meter HT $10
IC-22 S, 2 m FM transceiver $12
IC-229, 2 meter mobile transceiver $15
IC-3 PA Power supply / speaker $10
UT-16 Voice Synthesizer $5

These are original manuals only.

ORIGINAL Heath manuals. These are manuals only.
They are all originals, not copies, and
are close to new condition.

AM-2 Reflected Power Meter (SWR Meter), 1960
w/schematic, pictorial $8

HD-15 Hybrid Phone patch, 1965, Schematic in book $8

HD-1234 Four Position Coax Switch, 1973, no check marks $7

Heath HDP-21 Desk Microphone, 1969 $4

HM-15 Reflected Power Meter and SWR Bridge
1968, Schematic in book $8

HM-2102 VHF Wattmeter 1972
No check marks. Schematic in book $15

HW-2021 2 meter hand held transceiver, 1975, No check marks $9

IM-5284 Multimeter, Large schematic $3

SB-102 HF Transceiver Schematic, Large fold out page $4

T-2 Signal Tracer, from the 1950's $8

Brochure "Heathkit Specials" featuring the
Twoer, Sixer, SB series, and others. $4

These are original manuals only.

The following Texas Instrument Data Books are available.
All are in very nice, close to new, condition, with
very little use.

Analog Applications Journal, $2 each
August 1999
Nov 1999
Feb 2000
May 2000

August 2000
Nov 2000

AHC/AHCT Designer's Guide, June 1999 $2

Mixed-Signal and Analog Products Designer's Guide
And Reference w/CD, January 1999 $4

Analog and Mixed Signal Products Designer's Guide
And Reference, August 1999 $3

Logic Selection Guide, August 1998 $4

BiCMOS Bus Logic Interface, 1988 $2

Transistor Substitution Books

All are in excellent condition.

Sams Transistor Substitution Handbook
Second Edition, 1961, 112 pages, $5

Sams Transistor Substitution Handbook No. 10
Tenth Edition, 1970, 160 pages, $6

Sylvania ECG Semiconductor replacement guide
1976, larger book, 276 pages, $8

Sylvania ECG Semiconductor Master Replacement Guide
1987, larger book, about 700 pages, $15

Archer Transistor Replacement Guide
62-1015, No date listed, 8000 substitutions, $5

Archer Transistor Substitution Guide
276-2000, 1972, 15,000 types, 96 pages, $5

Allied Dictionary of Electronic Terms
Fifth Edition, 1960, like new condition, $10

Cables for CW Straight Key and for CW Paddles:

Cable for straight key
About 3 feet long, with a mono 1/4 inch phone plug on it,
as is used with a straight key. $5
As above, but 1/8 inch (3.5 mm) mono plug. $5

Cable for paddles
About 3 feet long, and with a 1/4 inch stereo connector
on the end, like used by most rigs. $8
As above, but 1/8 inch (3.5 mm) stereo plug $8

Crystals For Sale - FT-243, HC-6, etc.:

1000.00 KHz for crystal calibrator

FT-243 Crystals for 80, 40, and 10 meter ham bands

3825, 3838, 3850, 3980, 3990

7081 (HC-6), 7094 (HC-6), 7174 (HC-6), 7175, 7186,
7189, 7198.5 (HC-6), 7200 (HC-6), 7200, 7207, 7225,
7236.2 (HC-6), 7248, 7261 (FT-243 & HC-6), 7283.33 (HC-6)

7325 (29.3), 7375 (29.5), 7395 (29.58), 7400 (29.6),
7404 (29.616), 7410 (29.64)

HC-6 Crystals
These may be used as heterodyning crystals in many
Collins, Drake, Heath, Yeasu, and other rigs.
Freq of crystal in MHz.
7.98, 9.5, 12.0, 12.545, 15.0, 16.0, 17.0, 24.7, 30.75,
32.5, 39.0, 41.9, 42.7, 44.5, 46.0, 46.7, 49.9, 51.1,

All crystals are $8 each, plus shipping from Florida.

I also have many 2 meter crystals in HC-25 holders.
Your needs?

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

# 407. 6 Meter KILOWATT Project

Yahoo group: hamradiohomebrew
Date: 2009-11-14 18:33:53 UTC
From: PatB
Topic: 407  Message: 407

I completed the 6 Meter Kilowatt Homebrew project and the pics are in the PHOTOS section. Check them out!

It was entered in the ARC of El Cajon Homebrew Contest, but the Prez screwed up the rules and it didn't win 1st place. It was entered against a simple helical wound antenna which beat it. That was because the judges had no clue on what is HOMEBREW and thought I bought this at HRO and entered it. It never occurred to them I could have actually BUILT IT!!!!

But here it is anyway. The contest was RIGGED!

# 408. Orlando FL Hamcation Info

Yahoo group: hamradiohomebrew
Date: 2010-01-31 18:19:37 UTC
From: Ken Simpson, W8EK
Topic: 408  Message: 408

Orlando FL Hamcation Information:

The Orlando Hamcation is less than two weeks away. It will be held from February 12 thru February 14, but much of the activity starts on Thursday, February 11, when most of the tailgaters set up. If you have not made your plans to attend, you need to do so now. Florida is the place to be in February!

Info can be found at
http://hamcation.com/default.html
There is a lot of information at this web site, so be certain to check all of the special areas.

At the present time, there are a few tables still available in the swap building. All of the wall spaces and end caps have been taken. If you want more than one table together, get your reservation in NOW. Having a table inside the building, instead of outside in the tailgate area, protects you (and your equipment) from the weather, and only costs $10 more for the entire weekend. Please e-mail hamcation@... to make reservations or get more information.

Everyone knows that there are many other activities in the central Florida area, so be certain to bring the XYL. Hamcation will also have YL activities, and of course many are now hams, so will enjoy Hamcation as well. The bottom line is "Bring the entire family."

Advance registrations are running considerably ahead of past years, so this promises to be another large (10,000 plus hams) hamfest. To put it another way, don't stay home because you think attendance might be down due to the economy. It does not look that way.

See you there!

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

# 409. Digging Deeper in the Basement for Crystals

Yahoo group: hamradiohomebrew
Date: 2010-03-30 16:33:27 UTC
From: Bry Carling
Topic: 409  Message: 409

FOR SALE: More "Bargain Basement" Crystals...

For $2.00 to $6.00 each while they last... sold in groups
only. Many of these will multiply up nicely into 20m, 15m,
10m, 6m, 2m, etc.
Some are marked as 15m and 10m are actually 7 MHz crystals.
All are type hc6u metal can crystals with 1/2 inch pin spacing (thin pins)
unless otherwise stated.Shipping additional.

Group 11 - 1845.76 kHz, 1905 kHz and QTY 2 X 1942 MHz
- all 4 for $16.00

Group 12 - QTY 2 X 3727 kHz, 7037 kHz, 7052 kHz, 7070.37 kHz
- All 5 for $29.00

Group 13 - 7022, 7037, 7070.37, 7079, 7081, 7095 kHz
- All 6 for $24.00

Group 14 - QTY 2 X 7095, 7124, 7129, 7138 kHz
- all 5 for $15.00

Group 15 - 7000, 7100, 7159, 7170.37, 7174 kHz
- All 5 for $15.00

Group 16 - 7174, 7185, 7200, 7212, 7242, 7290 kHz
- All 6 for $27.00

Group 17 - QTY 2 X 7218, 7228, 7246, 7247, 7295 kHz
- All 6 for $27.00

Group 18 - 7034 kHz, QTY 2 X 7051 kHz, 7084 kHz, QTY 2 X 7101 kHz
MARKED as: 21.1035, QTY 2 X 21.1535, 21.2535, QTY 2 X 21.3035 MHz
- All 6 for $24.00

Group 19 - 7034, 7051, 7068, QTY 2 X 7084, QTY 2 X 7101 kHz
MARKED as: 21.1035, 21.1535, 21.20350, QTY 2 X 21.2535, QTY 2 X
21.3035 MHz
- All 7 for $21.00

Group 20 - QTY 2 X 7111, 7171, 7184, 7196, 7216, 7253, 7361 kHz
MARKED as: QTY 2 X 28.444, 28.685, 28.735, 28.785, 28.866, 29.011,
29.444 MHz
- All 8 for $26.00

Group 21 - QTY 2 New FT243 'PR' Crystals on 28.616 and 28.670 MHz
- these two for $8.00 total.

Group 22 - QTY 40 (forty) FT241 crystals - note these are
the LF crystals for the military surplus channelized radios.
- Available for $20.00 for all 40.

Please e-mail me off the list to arrange purchase.

Updated listing of availability of these groups will be posted at:

http://www.af4k.com/basementcrystals.htm

73 de AF4K, Bry Carling

# 410. Where is the Activity?

Yahoo group: hamradiohomebrew
Date: 2010-06-06 16:27:06 UTC
From: k5myj
Topic: 410  Message: 410

Where is the Activity? What is this group about?

Bob Macklin
Seattle, Wa.

# 411. Re: [hamradiohomebrew] Where is the Activity?

Yahoo group: hamradiohomebrew
Date: 2010-06-06 19:31:30 UTC
From: Bry Carling
Topic: 410  Message: 411

Hi - I think you just started something Bob!

We may have an absentee landlord situation. I would love to chat with some other guys about homebrewing.

Most of it seems to be into the sub-specialiy groups, like:
KIT-BUILDING, QRP and TUBE homebrewing...

On 6 Jun 2010 at 16:27, k5myj wrote:

> Where is the Activity? What is this group about?
>
> Bob Macklin
> Seattle, Wa.
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> Yahoo! Groups Links
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# 412. Re: [hamradiohomebrew] Where is the Activity?

Yahoo group: hamradiohomebrew
Date: 2010-06-06 19:48:00 UTC
From: Rotten Robbie
Topic: 410  Message: 412

Hi Bry,

A couple of years ago I started 50% digital receiver. I got the reverence VXO operating and most of the PLL VFO. This receiver is designed using a PIC uP for control. The main panel will be on the computer but it will be a full double or triple conversion receiver.

One item I don't like about modern solid state receivers is the use of bandpass filters in the front end. I am going to try a tunable front end similar to GlowBug receiver but using varactors for the tuning.

I am looking at eventually building something similar to Benton Harbor S-Line or even a real Collins S-line except fully solid state.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: Bry Carling
To: hamradiohomebrew@yahoogroups.com
Sent: Sunday, June 06, 2010 12:31 PM
Subject: Re: [hamradiohomebrew] Where is the Activity?

Hi - I think you just started something Bob!

We may have an absentee landlord situation. I would love to chat with some other guys about homebrewing.

Most of it seems to be into the sub-specialiy groups, like:
KIT-BUILDING, QRP and TUBE homebrewing...

On 6 Jun 2010 at 16:27, k5myj wrote:

> Where is the Activity? What is this group about?
>
> Bob Macklin
> Seattle, Wa.
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> Yahoo! Groups Links
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# 413. Re: [hamradiohomebrew] Where is the Activity?

Yahoo group: hamradiohomebrew
Date: Unix timestamp -125553038532 [implausible archived timestamp]
From: Bry Carling
Topic: 410  Message: 413
Attachments: 2 described; binary payloads are missing from this source WARC

Wow - that is an amazing undertaking Bob - I admire anyone who
takes on those more detailed construction projects.
It's probably well beyond anything that I could tackle unless I
was retired.

Varactor tuning has great appeal to me. Hams with VLSI chip radios
will never know the joys of building or at least maintaining this kind
of equipment.

---
On 6 Jun 2010 at 12:48, Rotten Robbie wrote:

Hi Bry,

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operating and most of the PLL VFO. This receiver is designed using a PIC
uP for control. The main panel will be on the computer but it will be a full
double or triple conversion receiver.

One item I don't like about modern solid state receivers is the use of
bandpass filters in the front end. I am going to try a tunable front end similar
to GlowBug receiver but using varactors for the tuning.

I am looking at eventually building something similar to Benton Harbor S-
Line or even a real Collins S-line except fully solid state.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: Bry Carling
To: hamradiohomebrew@yahoogroups.com
Sent: Sunday, June 06, 2010 12:31 PM
Subject: Re: [hamradiohomebrew] Where is the Activity?
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On 6 Jun 2010 at 16:27, k5myj wrote:

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# 414. Re: [hamradiohomebrew] Where is the Activity?

Yahoo group: hamradiohomebrew
Date: Unix timestamp -125553037923 [implausible archived timestamp]
From: Rotten Robbie
Topic: 410  Message: 414

Bry,

I have been retired for 12 years now. When I retired in 98 I was Sr. Custom IC designer. I can still design the chips but I am not sure about soldering them.

I may go back to some older chips that only have the pins on 50mil centers.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

----- Original Message -----
From: Bry Carling
To: hamradiohomebrew@yahoogroups.com
Sent: Sunday, June 06, 2010 12:57 PM
Subject: Re: [hamradiohomebrew] Where is the Activity?

Wow - that is an amazing undertaking Bob - I admire anyone who
takes on those more detailed construction projects.
It's probably well beyond anything that I could tackle unless I
was retired.

Varactor tuning has great appeal to me. Hams with VLSI chip radios
will never know the joys of building or at least maintaining this kind
of equipment.

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On 6 Jun 2010 at 12:48, Rotten Robbie wrote:

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One item I don't like about modern solid state receivers is the use of bandpass filters in the front end. I am going to try a tunable front end similar to GlowBug receiver but using varactors for the tuning.

I am looking at eventually building something similar to Benton Harbor S- Line or even a real Collins S-line except fully solid state.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----

From: Bry Carling
To: hamradiohomebrew@yahoogroups.com
Sent: Sunday, June 06, 2010 12:31 PM
Subject: Re: [hamradiohomebrew] Where is the Activity?
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# 415. Re: Where is the Activity?

Yahoo group: hamradiohomebrew
Date: 2010-06-20 03:08:59 UTC
From: PatB
Topic: 410  Message: 415

NO I am here!!
I went to Dayton, where the ARRL had a Kit building area for newcomers to homebrew to learn to solder. I spent all 3 days of the Hamvention in the booth teaching people (lot of kids too) to solder.
My 6 Meter SSB transceiver was on display in the booth for passersby to enjoy and inspire them to build. That is the radio on the front page of this Group. I am the originator of the Hamradiohomebrew group.

Haven't built anything recently of any consequence, but I did homebrew up a mod board for the Heathkit SB-644 VFO for the SB-104.
Heathkit used Diode switching which didn't work very well. I designed a relay ciruit with CMOS gates to do the VFO switching more effectively and without the loss of signal through the diodes.

All this can be found on the QRZed website where I detail all my homebrew stuff.

73 and keep building!!
Pat WA6MHZ
--- In hamradiohomebrew@yahoogroups.com, "Rotten Robbie" <rottenrobbie0@...> wrote:
>
> Bry,
>
> I have been retired for 12 years now. When I retired in 98 I was Sr. Custom IC designer. I can still design the chips but I am not sure about soldering them.
>
> I may go back to some older chips that only have the pins on 50mil centers.
>
> Bob Macklin
> K5MYJ
> Seattle, Wa.
> "Real Radios Glow In The Dark"
>
> ----- Original Message -----
> From: Bry Carling
> To: hamradiohomebrew@yahoogroups.com
> Sent: Sunday, June 06, 2010 12:57 PM
> Subject: Re: [hamradiohomebrew] Where is the Activity?
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> Wow - that is an amazing undertaking Bob - I admire anyone who
> takes on those more detailed construction projects.
> It's probably well beyond anything that I could tackle unless I

> was retired.
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> will never know the joys of building or at least maintaining this kind
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> On 6 Jun 2010 at 12:48, Rotten Robbie wrote:
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> Hi Bry,
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> One item I don't like about modern solid state receivers is the use of bandpass filters in the front end. I am going to try a tunable front end similar to GlowBug receiver but using varactors for the tuning.
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>
> Bob Macklin
> K5MYJ
> Seattle, Wa.
> "Real Radios Glow In The Dark"
> ----- Original Message -----
> From: Bry Carling
> To: hamradiohomebrew@yahoogroups.com
> Sent: Sunday, June 06, 2010 12:31 PM
> Subject: Re: [hamradiohomebrew] Where is the Activity?
> Hi - I think you just started something Bob!
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>
> We may have an absentee landlord situation. I would love to chat with some other guys about homebrewing.
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# 416. Binaural I-Q Receiver

Yahoo group: hamradiohomebrew
Date: 2010-07-02 02:30:11 UTC
From: Ron McCurdy
Topic: 416  Message: 416

Hi,

I'm wondering if it would be possible to NOT Ground one side of the antenna
and instead run that side through as one side of the binaural receiver.
Give me pros and cons. Yep, stupid question. ;)

Ron, KE5QDA

# 417. FS: Two 40,000 uFD Capacitors

Yahoo group: hamradiohomebrew
Date: 2010-07-02 22:01:25 UTC
From: Bry Carling
Topic: 417  Message: 417

FOR SALE: Two Sangamo type DCMX computer-grade
electrolytic capacitors - Made in U.S.A.
Each is 40,000 uFD and rated at 25V DC.

These are ideal for power supplies and/or use with
high-powered car audio systems running on 13.8V DC power.

These are large, heavy duty capacitors with dimensions 6" X 3" diameter.

Will sell the pair for $15.00 plus $10.00 for USA shipping.

Bry Carling, AF4K

# 418. FS: More groups of ham band crystals - Most are $2 and $3 each

Yahoo group: hamradiohomebrew
Date: 2010-07-03 20:24:54 UTC
From: Bry Carling
Topic: 418  Message: 418

FOR SALE:
I have several more groups of ham band crystals now available.

Most of these are around $2.00 or $3.00 each. Great for experimenting
and day to day operations on 75 through 10m bands.

Some of them are hc6u crystals. Most are the standard FT-243 types.

Example: QTY 7 - FT243 crystals for $14.00

Have a look here:
http://www.af4k.com/basementcrystals.htm

73 - Brian AF4K

# 419. FS: FT171B Crystal Groups - $4.00 each

Yahoo group: hamradiohomebrew
Date: 2010-07-05 13:28:26 UTC
From: Bry Carling
Topic: 419  Message: 419

FOR SALE:

The following are type FT171B Crystals: (for BC610
or T-368 transmitters)
These are normally $19.00 for each crystal...

Group 171-A - 3510, 3520, 3550, 3615, 3905, 7290
kHz - All 6 for $24.00 total.

Group 171-B - 3510, 3615, 3835, 3905, 3905, 3945
kHz - All 6 for $24.00 total.

Group 171-C - 3615, 3905, 7285, 7290, 7295, 14286
kHz - All 6 for $24.00 total.

Group 171-D - 3615, 3905 kHz - Two for $8.00 total.

The following are type CR-1A Crystals:<br>
Group 12-C - 6820 (QTY 4), 7610, 8007.7, 8297 kHz
- All 7 for $7.00 total.

DETAILS and latest listings at:
http://www.af4k.com/basementcrystals.htm

73 - Bry Carling, AF4K

# 420. FS: Sweetening the pot, more capacitors

Yahoo group: hamradiohomebrew
Date: 2010-07-05 13:34:35 UTC
From: Bry Carling
Topic: 420  Message: 420

REDUCED:

Two Sangamo type DCMX computer-grade electrolytic capacitors -
Made in U.S.A. Each is 40,000 uFD and rated at 25V DC.

These are ideal for power supplies and/or use with high-powered
car audio systems running on 13.8V DC power.
These are large, heavy duty capacitors with dimensions 6" X 3" diameter.
Will sell the pair for $15.00 plus $10.00 for USA shipping.

Cornell-Dubilier computer grade capacitor, 9100 uF at 35V DC.
With all mounting hardware. Dimensions: 3-3/4" X 1-3/4" diameter
Made in the USA - available for $2.00.

G.E. Dielectrol non-PCB, oil-filled capacitor 40 uF at 480V DC.
Easily good for 1000V DC.
Dimensions: 5" X 2-1/2" diameter.
Available for $5.00 plus shipping.

Will sell ALL four caps above for $16.00 plus $11.00 for USA shipping.

# 421. FS: Homebrew cabinets - delete if not interested

Yahoo group: hamradiohomebrew
Date: 2010-07-05 23:31:39 UTC
From: Bry Carling
Topic: 421  Message: 421

FOR SALE:

A few nice radio and electronic cabinets for homebrew projects etc.
Also - a TUBE INTERCOM...

Pictures and details here:

http://www.af4k.com/chassisandcabinets.htm

73 & thanks for looking

# 422. Homebrew Rotator Controller

Yahoo group: hamradiohomebrew
Date: 2010-07-06 01:38:07 UTC
From: PatB
Topic: 422  Message: 422

I am in the design and prototype stages of a Rotator controller for the Yaesu G-5400B Az/el rotor. I only use the Ax part, to turn my big KT-33 Tribander. The G-5400 has a rinkydink Meter readout that has 360 degrees of movement on a little 2 inch meter scale. Sucks.

The saving feature of it is that it is remotely controllable, designed to be used with computers to turn it tracking satelittes.

The meter output is 180 degrees to Zero to +180 degrees. It has a 0-5V output representing that. OK, will have to do some op amp trickery to make it work. But what I did get partially working is a much better readout.

The display is 36 LEDs in a circle driven by 4 LM3914 LED controllers.
After extensive wiring, it now kind of works. But it requires 0 to 3.5V input.

The trick is going to be to convert the 0 to 360 scale to -180 to zero to +180.

After that works, I will have some presets and a pot dial to set and let it turn.
Currently, you have to press either a right or left button.

Will post some pix as the project comes along.

# 423. Re: Homebrew Rotator Controller

Yahoo group: hamradiohomebrew
Date: 2010-07-08 02:39:24 UTC
From: PatB
Topic: 422  Message: 423

Been working hard on the Hardware and design.

Have the 36 LEDs working with the 4 LM3914 display drivers. Now, when I put an analog signal into the input of 0-3.75V, the LEDs will sequentially rotate around the dial, 0-360 degrees
I rewired the LEDs so now they start at 180 and go to 180 through Zero. The anomaly is that it starts out on the 190 degree bearing and ends on the 180 LED. Not sure why, but that might not be a problem as that is the end of the rotator travel

A new feature I added are RIGHT/LEFT Arrows, made out of 4 LEDs each. They are in the center of the display and look real pretty. But to make them look even PRETTIER, I added a CD4001 oscillator that puts out a 1Hz square wave. That, when gated with the Right/left button, causes the appropriate arrow to FLASH. Looks SO SHARP!!!

The really tricky circuit will be the Automatic control. I will have a main tuning pot, where I set the bearing desired, and 3 or 4 more Preset pots, for common beam headings.

In operation, I can throw the switch to Automatic, press the desired preset button, and the rotator will go to that spot. When it arrives there, it will go back to manual control. If I desire, while it is turning, pressing the right or left buttons will return it to Manual control aborting the preset. A time out timer will make sure the rotator returns to manual regardless after a specified rotation time.

This all should be done with a Microprocessor, but I like designing circuits that are OLD SCHOOL, using 1980 techniques, yet using 2010 surface mount parts.

I got into work a little after 5 AM and worked on it until it was time to start Factory work. After I finished my shirt, I worked again on it until almost 7! Long day!!

--- In hamradiohomebrew@yahoogroups.com, "PatB" <wa6mhz_1@...> wrote:
>
> I am in the design and prototype stages of a Rotator controller for the Yaesu G-5400B Az/el rotor. I only use the Ax part, to turn my big KT-33 Tribander. The G-5400 has a rinkydink Meter readout that has 360 degrees of movement on a little 2 inch meter scale. Sucks.
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> The display is 36 LEDs in a circle driven by 4 LM3914 LED controllers.
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>
> After that works, I will have some presets and a pot dial to set and let it turn.
Currently, you have to press either a right or left button.
>
> Will post some pix as the project comes along.
>

# 424. FREE CAPS

Yahoo group: hamradiohomebrew
Date: 2010-07-10 15:55:16 UTC
From: Bry Carling
Topic: 424  Message: 424

OK - nobody wants them but I hate to throw nice things like this away.

FREE:

Two Sangamo type DCMX computer-grade electrolytic capacitors -
Made in U.S.A. Each is 40,000 uFD and rated at 25V DC.

These are ideal for power supplies and/or use with high-powered
car audio systems running on 13.8V DC power.
These are large, heavy duty capacitors with dimensions 6" X 3" diameter.

Cornell-Dubilier computer grade capacitor, 9100 uF at 35V DC.
With all mounting hardware. Dimensions: 3-3/4"  X  1-3/4" diameter
Made in the USA

G.E. Dielectrol non-PCB, oil-filled capacitor 40 uF at 480V DC.
Easily good for 1000V DC.
Dimensions: 5" X 2-1/2" diameter.

FREE for postage. Just pay $12.00 for USA shipping.
Next stop will be the dumpster if they are still here on Monday.

Bry, AF4K

# 425. RE: FREE CAPS

Yahoo group: hamradiohomebrew
Date: 2010-07-10 16:57:34 UTC
From: Bry Carling
Topic: 424  Message: 425

Thanks - the caps have already been taken and paid for.

Regards - Brian, AF4K

http://www.af4k.com/crystals.htm

# 426. FS: Box of New Precision Power Resistors

Yahoo group: hamradiohomebrew
Date: 2010-07-16 10:11:03 UTC
From: Bry Carling
Topic: 426  Message: 426

FOR SALE: Quantity 37 precision power resistors. All new and unused,
with long radial leads. Gray in color. Great for homebrew and repair projects.

QTY 8: 5 watt power resistors - all rated 1% tolerance.
Consists of seven (7) at 100 kilohms and one at 2500 ohms.

QTY 8: 2 watt power resistors - all rated 1% tolerance.
Consists of
Quantity 7 at 500 kilohms,
Quantity 1 at 9.50 kilohms

QTY 18: 1 watt power resistors - all rated 1% tolerance.
Consists of -
Quantity 1 at 2.0 Megohms,
Quantity 1 at 1.0 Megohms,
Quantity 1 at 250 kilohms,
Quantity 2 at 200 kilohms,
Quantity 4 at 100 kilohms,
Quantity 2 at 51.0 kilohms,
Quantity 2 at 22.0 kilohms,
Quantity 1 at 8.0 kilohms,
Quantity 1 at 5000 ohms,
Quantity 1 at 4560 ohms,
Quantity 3 at 4500 ohms

QTY 3: 1/2 watt power resistors - all rated 1% tolerance.
radial leads.
Quantity at 800 kilohms
Quantity at 100 kilohms
Quantity at 2700 ohms

Will sell all the above for $15.00 plus shipping

73 - Bry, AF4K

# 427. FS: TAG STRIPS

Yahoo group: hamradiohomebrew
Date: 2010-07-16 10:52:49 UTC
From: Bry Carling
Topic: 427  Message: 427

For Sale - Tag Strips. All are new.

These are the standard baekelite type tag strips with mounting bracket(s)
and tags arranged on 3/8" centers. As used for most tube homebrewing etc.

Quantity 50 - 4-way strips - 10 cents each, plus shipping

Quantity 4 of the 5-way strips - $1.00 total plus shipping

Quantity 14 of the classy 5-way turret strips - $1.00 each plus shipping

I will list a few more soon of other sizes.

73 - Bry, AF4K

# 428. Re: [hamradiohomebrew] FS: TAG STRIPS

Yahoo group: hamradiohomebrew
Date: 2010-07-16 11:19:50 UTC
From: Eric Mynes
Topic: 427  Message: 428

Bry,

I'm not sure of the term Tag Strip. Could you send a picture of one so that
I can confirm it is what I think it is?

Thanks,
Eric
k8ohz

On Fri, Jul 16, 2010 at 6:52 AM, Bry Carling <bcarling@...> wrote:

>
>
> For Sale - Tag Strips. All are new.
>
> These are the standard baekelite type tag strips with mounting bracket(s)
> and tags arranged on 3/8" centers. As used for most tube homebrewing etc.
>
> Quantity 50 - 4-way strips - 10 cents each, plus shipping
>
> Quantity 4 of the 5-way strips - $1.00 total plus shipping
>
> Quantity 14 of the classy 5-way turret strips - $1.00 each plus shipping
>
> I will list a few more soon of other sizes.
>
> 73 - Bry, AF4K
>
>
>

--
A wise man once said nothing.

# 429. Re: [hamradiohomebrew] FS: TAG STRIPS

Yahoo group: hamradiohomebrew
Date: 2010-07-16 12:25:30 UTC
From: Bry Carling
Topic: 427  Message: 429
Attachments: 2 described; binary payloads are missing from this source WARC

http://www.bluebellaudio.com/tag2.jpg

I found lots of pictures via Google... there are more out there.
This is an eample.

---
On 16 Jul 2010 at 7:19, Eric Mynes wrote:

Bry,

I'm not sure of the term Tag Strip. Could you send a picture of one so that I
can confirm it is what I think it is?

Thanks,
Eric
k8ohz

On Fri, Jul 16, 2010 at 6:52 AM, Bry Carling <bcarling@...> wrote:
For Sale - Tag Strips. All are new.

These are the standard baekelite type tag strips with mounting bracket(s)
and tags arranged on 3/8" centers. As used for most tube homebrewing etc.

Quantity 50 - 4-way strips - 10 cents each, plus shipping

Quantity 4 of the 5-way strips - $1.00 total plus shipping

Quantity 14 of the classy 5-way turret strips - $1.00 each plus shipping

I will list a few more soon of other sizes.

73 - Bry, AF4K

--
A wise man once said nothing.

# 430. Tube Intercom for sale.

Yahoo group: hamradiohomebrew
Date: 2010-07-17 12:30:17 UTC
From: Bry Carling
Topic: 430  Message: 430

FOR SALE: TUBE TYPE 2-station intercom which
includes
a 12AT7 tube amplifier and two speakers. Push
button to talk. I have not tried this out, but it
looks beautifully constructed with louvered clam-
shell type cabinets.
There is a Raytheon tranformer inside and also
another transformer with no name.
Way more fun than plastic toy intercoms.
Dimensions each: 5" X 5" X 3".
Complete set available for $8.00 plus shipping.

Picture and details at:
http://www.af4k.com/chassisandcabinets.htm

73 & thanks for looking - Bry, AF4K

# 431. FS: Conar Twins - Collector Quality

Yahoo group: hamradiohomebrew
Date: 2010-07-21 12:23:39 UTC
From: Bry Carling
Topic: 431  Message: 431

FOR SALE: CONAR Transmitter and Receiver

Extra sharp and collector quality...

Conar 400 Transmitter - 25 watts on 80m, 40m and 15m bands.
Usesa 6DQ6 sweep tube. Crystal controlled, runs on 120V AC.
These were both part of an NRI training course. Looks like new.
Would rate this transmitter a 10 out of 10. It has not been tested.

Conar 500 Receiver. Beautiful front panel. A few marks on the top
but not bad. Runs on 120V AC. Receives AM, SSB and CW. Covers
bands: 80m, 40m and 15m - full coverage. Built-in speaker, and
headphones
output. Controls for volume, variable BFO, antenna trimmer etc.
Front panel is excellent and overall would rate this receiver
9 out of 10. It has not been tested.

These come with copies of the manuals.
Excellent condition. Pictures will be posted soon at:
http://www.af4k.com/radios.htm

Will sell the pair for $250.00 plus shipping

Transmitter Book Online:

http://www.af4k.com/Conar/Conar%20manuals/TX.pdf

Receiver Book Online:

http://www.af4k.com/Conar/Conar%20manuals/conarrxmanual.html

WD0HCO's old Conar web page is here...

http://www.af4k.com/Conar/

# 432. FS: Panel Meters and Ceramic couplers

Yahoo group: hamradiohomebrew
Date: 2010-07-21 12:46:07 UTC
From: Bry Carling
Topic: 432  Message: 432

FOR SALE:

Two small black Westinghouse panel meters. Excellent.
These are 2-1/4" square with rounded corners. 2" diameter mounting hole.

One each:

0 - 200 mA DC

0 - 150V DC
(FSD 100 uA, with series resistor for 150V DC)

Available for $5.00 each plus shipping

ALSO Group of Ceramic couplers - three ceramic, one bakelite.
For use with 1/4" shafts. made by G.E. and National Excellent condition.
Will sell all four for $10.00 plus shipping.

Regards - Brian, AF4K

# 433. FS: 7160 kHz crystals for AM etc.

Yahoo group: hamradiohomebrew
Date: 2010-07-25 00:30:04 UTC
From: Bry Carling
Topic: 433  Message: 433

For Sale: 7160 kHz FT-243 crystals for AM

Now available on the popular AM "mid-band calling frequency..."

Also for 40m AM -
7155, 7156, 7159, 7165, 7167, 7170, 7172, 7173, 7174, 7175, 7176, 7177,
7179 kHz
7180, 7185, 7187, 7188, 7190, 7192, 7193, 7195, 7199, 7200, 7203, 7204,
7205 kHz
7206, 7206.7, 7207, 7209, 7211, 7212, 7213, 7214, 7215, 7217, 7220, 7221,
7222 kHz
7224.4, 7225, 7226, 7229, 7232, 7233, 7237, 7238.9, 7240, 7241, 7242,
7243, 7243.5 kHz
7243.7, 7246, 7248, 7249, 7250, 7252.5, 7255, 7256.25, 7258, 7260, 7262,
7273, 7275 kHz
7279, 7280, 7281.5, 7285, 7286, 7287, 7288, 7289, 7290, 7291, 7293, 7295,
7297 kHz etc.

(Some of these will make great multipliers onto 10m AM also...)

Many other FT243 crystals are available at:

http://www.af4k.com/crystals.htm

Available for $14.00 each plus shipping.

73 & thanks for looking,

Brian, AF4K

# 434. Homebrew Rotor Controller

Yahoo group: hamradiohomebrew
Date: 2010-07-29 16:33:48 UTC
From: PatB
Topic: 434  Message: 434

I just finished a Homebrew Rotor controller that will run 2 rotors at once. I have the same kind of rotator on my East and West Tower.

For full details and pics, check out this Thread!
http://forums.qrz.com/showthread.php?t=255935

Works great!

uses 20 ICs, 43 LEDS (oh, make that 47!) and a whole bunch of other parts! CMOS!!!

# 435. FS: 20m FT243 Crystals

Yahoo group: hamradiohomebrew
Date: 2010-08-02 20:33:42 UTC
From: Bry Carling
Topic: 435  Message: 435

FOR SALE: Fun 20m Ham Band FT243 Crystals...

Quantity available is (1) unless otherwise stated. These are available
for $14.00 each plus shipping.

14.020 MHz
14.042 MHz (QTY 10)
14.058 MHz (QTY 2)
14.060 MHz (QTY 10)
14.089 MHz (QTY 4)
14.094 MHz (QTY 2)
14.151 MHz
14.165 MHz
14.186 MHz
14.213 MHz
14.215 MHz
14.219 MHz
14.229 MHz
14.230 MHz
14.233 MHz
14.235 MHz (QTY 2)
14.247 MHz
14.270 MHz
14.275 MHz
14.278 MHz
14.280 MHz
14.300 MHz
14.312 MHz
14.320 MHz
14.335 MHz
14.340 MHz
14.345 MHz

Pictures and Details at:
http://www.af4k.com/crystals.htm

73 de AF4K, Bry Carling

# 436. Homebrew Hallicrafters HA-7 XTAL Calibrator

Yahoo group: hamradiohomebrew
Date: 2010-08-03 23:07:05 UTC
From: PatB
Topic: 436  Message: 436

I scored a Hallicrafters SX-122 that was missing the HA-7 Crystal Calibrator. Here is the project I built over a few days.
http://forums.qrz.com/showthread.php?t=258680

WORKS GREAT! And a fairly easy project to make if you don't go through the nightmare I did making the BOX!! Also, lotsa luck on finding the special Crystal. Garden Variety 100Khz crystals would work just as well, but wouldn't be as original.

# 437. Re: [hamradiohomebrew] Homebrew Hallicrafters HA-7 XTAL Calibrator

Yahoo group: hamradiohomebrew
Date: 2010-08-04 11:12:13 UTC
From: Bry Carling
Topic: 436  Message: 437

Great article...

I have the 100 kHz crystal if anyone needs it - no it's not in a round octal
base,
but I suppose a creative purist could make one using an old tube.

73 de AF4K, Bry

On 3 Aug 2010 at 23:07, PatB wrote:

> I scored a Hallicrafters SX-122 that was missing the HA-7 Crystal
> Calibrator. Here is the project I built over a few days.
> http://forums.qrz.com/showthread.php?t=258680
>
> WORKS GREAT! And a fairly easy project to make if you don't go
> through the nightmare I did making the BOX!! Also, lotsa luck on
> finding the special Crystal. Garden Variety 100Khz crystals would
> work just as well, but wouldn't be as original.
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 438. FS: Box of TUBE ERA pilot lamps and some bulbs

Yahoo group: hamradiohomebrew
Date: 2010-08-21 16:19:01 UTC
From: Bry Carling
Topic: 438  Message: 438

FOR SALE: TUBE ERA pilot lamps and some bulbs....

This is a box of about 35 or 40 various bayonet style tube era pilot lights as used in commercial radio transmitters, receivers, test equipment etc. typical lamp holders, some panel mount, some not.

Also a bunch of behind-the-panel type screw in and bayonet fitting lamps, and a few bulbs for them too. These are typical like #44, #51, grain-of-wheat bulbs etc. Red, blue, green and white jeweled lenses etc. includes some plastic standoffs and phenolic terminal strips etc.

Will sell the whole box for $12.00 plus $6.00 for USA shipping.

73 - Brian, AF4K

# 439. Re: [MOPAGROUP] 50.3Mhz CW project:: 5-10Watts but I can not "listen" to the signal on the freq.

Yahoo group: hamradiohomebrew
Date: 2010-08-24 20:54:43 UTC
From: Bry Carling
Topic: 439  Message: 439

Wow - what a fantastic-sounding (and SIMPLE) tube transmitter!

I would love to see it in action, or hear it on the air!

Congratulations, Anibal!

On 24 Aug 2010 at 19:38, Anibal
hk3arr@... wrote:

> Hi experts!
> This project has been taking me a lot of time, mainly because this
> is the way i am learning to work with tubes. I will appreciate all
> the help, I am doing my best in order to explain as clear as
> possible, i hope you will understand!, here I go:
>
> I have already finished one project: "50.3Mhz Beacon (cw)". This
> involve the following sections / tubes:
>
> Oscillator:
> Triode/pentode ECL80. I built this section according to this project
> (thanks to Brian!!):
> http://s88932719.onlinehome.us/ham/ecl80.htm
>
> Driver:
> I use a EC80 as a "extra driver" cause the pentode in the oscillator
> already act as a Driver, am I right?
>
> Powe Amp + Pi network
> I am using 2 x 6DQ6B tubes so this is the final setup:
>
> ECL80 >>TRIMPOT at the gate (50K) >>EC80>> TRIMPOT at the gate (50K)
> >> 2 X 6DQ6B >> PI NET >> LOAD
>
> This is the current situation: I dont have any spectrum analizer or
> any other special gear to measure signal so what I am doing is
> placing a "piece of cable to act as an antenna" in diferent stages,
> then I am able to "listen" with one of my radios to the following
> signals:
>
> 1- I have placed the "antenna" at the Triode plate (ecl80) and i can
> listen to the "oscillator signal".
> 2- I have placed the "antenna" at the pentode plate (ecl80) and i
> can listen the "oscillator signal" --> with higher level than the
> triode
> 3- I have placed the "antenna" at the triode plate (EC80) and i can

> listen the "oscillator signal" --> with higher level than the
> pentode.
>
> So far all seems to be ok. Lets go to the P:A + Pi Net:
> Power Amp Stage: I start to manipulate the pi Network in order to
> give proper Imp match, I can notice about 5 to 10 Watts on the
> Wattmeter but "i can not notice any signal on the frequency". Any
> idea why these tubes could send a 5-10 watts signal which is not
> located on 50.3Mhz?
> What should I check?
>
> All help is more than welcome!
>
> Br
>
> Anibal
> Hk3arr, yv5arr
>
>
>
>
> ------------------------------------
>
> MOPA GROUP EXISTS TO HELP FOSTER THE HOMEBREWING OF TWO STAGE RADIO
> TRANSMITTERS. WE'RE GLAD YOU ARE HERE! - 73Yahoo! Groups Links
>
>
>

# 440. Re: [MOPAGROUP] 50.3Mhz CW project:: 5-10Watts but I can not "listen" to the signal on the freq.

Yahoo group: hamradiohomebrew
Date: 2010-08-24 20:58:37 UTC
From: Bry Carling
Topic: 439  Message: 440

Hey Hanibal,

What frequency is the "oscillator signal" please?

What is your signal source? A Crystal? A VFO?
If you have a crystal is running at say, 8.3833 MHz X6 to get you to 50.3
MHz
then you will need a tuned multiplier stage somewhere to get the signal to
50.3 MHz.

If you use only an RF Choke in the plate circuit of the oscillator then you will
still
only have 8.3833 MHz coming out.

Hanibal HK3ARR wrote:

> > So far all seems to be ok. Lets go to the P:A + Pi Net:
> > Power Amp Stage: I start to manipulate the pi Network in order
> to
> > give proper Imp match, I can notice about 5 to 10 Watts on the
> > Wattmeter but "i can not notice any signal on the frequency".
> Any
> > idea why these tubes could send a 5-10 watts signal which is not
> > located on 50.3Mhz?
> > What should I check?
> >
> > All help is more than welcome!
> >
> > Br
> >
> > Anibal
> > Hk3arr, yv5arr

# 441. FS: Power - Bleeder Resistors

Yahoo group: hamradiohomebrew
Date: 2010-09-25 15:25:41 UTC
From: Bry Carling
Topic: 441  Message: 441

FOR SALE: Power - Bleeder Resistors

All are quality, USA made NOS parts -

50,000 ohms at 100 watts = $20.00
25,000 ohms w/slider at 100 watts = $22.00
25,000 ohms at 100 watts = $20.00
25,000 ohms at 75 watts = $18.00
25,000 ohms at 50 watts = $16.00
24,000 ohms at 72 watts = $18.00
20,000 ohms at 100 watts = $20.00
20,000 ohms at 50 watts = $16.00
18,000 ohms at 86 watts = $18.00
18,000 ohms at 55 watts = $15.00
16,000 ohms at 50 watts = $15.00
15,000 ohms at 120 watts = $18.00
15,000 ohms at 72 watts = $16.00
14,000 ohms at 50 watts = $16.00 (QTY 2)
12,000 ohms at 116 watts = $18.00
12,000 ohms at 75 watts = $16.00
12,000 ohms at 68 watts = $14.00
12,000 ohms at 40 watts = $10.00
12,000 ohms at 30 watts = $8.00

Shipping additional

# 442. FS: Two BC610 crystals for 80m

Yahoo group: hamradiohomebrew
Date: 2010-10-04 11:51:20 UTC
From: Bry Carling
Topic: 442  Message: 442

FOR SALE: Two original BC610 crystals for 80m band.

These are the larger old crystals in the FT171B cases... 3/4" pin spacing
and a handle on top.

One is on 3615 kHz, and the other one is on 3905 kHz.
Good working condition.

Will sell as a pair only - for $20.00 plus shipping.

(normally sell for $19.00 each)

Contact via e-mail: bcarling@...
or check the other crystals at my web site:

http://www.af4k.com/FT171_crystals.htm

http://www.af4k.com/crystals.htm

73 de AF4K - Bry

# 443. FS: Heathkit manual HD-1416

Yahoo group: hamradiohomebrew
Date: 2010-10-04 14:34:33 UTC
From: Bry Carling
Topic: 443  Message: 443

FOR SALE: Original Heathkit manual HD-1416

FOR THE CODE OSCILLATOR. Model HD-1416

Excellent condition.

Available for $4.00 plus $2.50 USA shipping

Reply off list, please - Brian, AF4K

# 444. FS: Plate & Filament Power Transformer

Yahoo group: hamradiohomebrew
Date: 2010-10-04 18:41:41 UTC
From: Bry Carling
Topic: 444  Message: 444

FOR SALE: Brand New, old stock Military Surplus Plate Transformer.

Gray potted upright style transformer. Manufactured by Tensor Electric.
Primaries:
103, 115, 126V AC at 57 to 440 Hz

Secondaries:
6.3V AV at 9 Amps
5.0V AC at 2 Amps
465V AC c.t. at 75 mA - VERY conservatively rated.
Will easily supply 150 mA DC and about 200-300 mA ICAS.
Dimensions: 4-1/4" X 3-5/8" X 4-1/2" tall with four #10
threaded mounting studs.

QTY 1 available for $20.00 plus shipping.

73 - Bry, AF4K

# 445. FS: UTC S-70 Filament Transformer

Yahoo group: hamradiohomebrew
Date: 2010-10-04 18:53:48 UTC
From: Bry Carling
Topic: 445  Message: 445

FOR SALE: UTC model S-70 Filament Transformer.

Classic gray potted upright style transformer with the beveled corners.
Lightly used and in good working condition. These vintage UTC
transformers typically sell for around $100 each on eBay.
Here is a guy selling a pair of rusty ones for $259.00 - item # 310154251173

Primaries:
105 and 115V AC

TWO Secondaries:
Each is 6.3V c.t. at 5 Amps

PRI:1500V HIPOT
SEC:3000V HIPOT
CT 6.3V 5A x2
50~60Hz

Dimensions: 4-1/2" X 3-1/8" X 3-7/8" tall with four ears that
have mounting holes.

QTY 1 available for $35.00 plus shipping.

73 - Bry, AF4K

# 446. FS: Heavy 28V DC relay

Yahoo group: hamradiohomebrew
Date: 2010-10-04 19:07:30 UTC
From: Bry Carling
Topic: 446  Message: 446

FOR SALE: ADVANCE ELECTRIC & RELAY Heavy duty 28V DC relay

Part number A 88819-1
COIL is 28V DC
Contacts rated 120V DC at 25 Amps.

This is a sealed, gray, potted unit, with the diagram engraved on the top.
Good working condition... brass screw terminals on top with full
hardware including nuts and washers.
Dimensions: 3-1/4" X 3" X 3-1/4" tall. Mounting ears with screw holes
project an additional 1/2" at each corner.

QTY 1 available for $5.00 plus shipping.

73 de AF4K, Bry

# 447. FS: AM & CW ops - Nearly Free, old FT243 crystals

Yahoo group: hamradiohomebrew
Date: 2010-10-08 22:17:26 UTC
From: Bry Carling
Topic: 447  Message: 447

FOR SALE:

Groups of original old FT243 crystals. Great for experiments
needing some reliable WW2-era rocks for those who prefer them.
Hard to beat and hard to find. They just need a home!

GROUP 6 - SIX (6) FT243 crystals - original ones on
7125, 7140, 7206, 7200, 7202, 7243 kHz
Available for just $6.00 total for all six plus shipping.

GROUP 7 - SEVEN (7) FT243 crystals - original ones on
7125, 7140, 7173, 7229, 7242, 7274, 7291 kHz
Available for just $7.00 total for all seven plus shipping.

GROUP 8 - EIGHT (8) FT243 CRYSTALS - original ones on
7125, 7140, 7167, 7205, 7221, 7248, 7291, 7297 kHz
Available for just $8.00 total for all eight plus shipping.

You can order directly on line. Or e-mail me.

Many other ham band FT243 crystals, new and old available.
See:
http://www.af4k.com/basementcrystals.htm
http://www.af4k.com/crystals.htm

73 - Bry, AF4K

# 448. Nearly Free Ham Band Crystals II

Yahoo group: hamradiohomebrew
Date: 2010-10-11 12:49:48 UTC
From: Bry Carling
Topic: 448  Message: 448

Thank you to everyone who responded about the groups of crystals.
They were all sold. I have a few more if anyone is interested, great
for homebrewing and experimenting "AM CW delight" - as follows:

(these will only be sold as groups)

GROUP 1 - hc16 crystals on: 7174, 7185, 7200, 7212, 7244 kHz
Available for $5.00 plus shipping

GROUP 2 - hc16 crystals on: 28444, 28444, 28555, 28735, 28785, 28866,
29011, 29444 kHz
Available for $8.00 plus shipping

GROUP 3 - FT243 crystals on 7073, 7100, 7125, 7140, 7175, 7200, 225,
7244, 7275, 7286 kHz
Available for $12.00 plus shipping

GROUP 4 - FT243 Crystals on 7075, 7100, 7106.7, 7125, 7140, 7173,
7175, 7224, 7275 kHz
Available for $12.00 plus shipping

GROUP 5 - FT243 Crystals on 7073, 7125, 7125, 7140, 7151, 7174, 7175,
7200, 7225, 7300 kHz
Available for $12.00 plus shipping

Contact me off the list via e-mail please...

73 - Brian, AF4K

More crystals at:
http://www.af4k.com/crystals.htm

# 449. FS: Large box of Cinch-Jones Connectors

Yahoo group: hamradiohomebrew
Date: 2010-10-16 19:26:26 UTC
From: Bry Carling
Topic: 449  Message: 449

FOR SALE: Box of Cinch-Jones Connectors

Approximately 90 pieces, everywhere from 2-pins to 15 pins.
Some are cable-end types, others are chassis mount. Many are
in pairs (M-F) - many of these parts are new, several are used, but all
are in great shape, and they come in very handy around the ham shack.

Will sell the entire box for $40.00 plus $12.00 for USA shipping.

73 - Brian, AF4K

# 450. FS: 6m band FT243 crystals group

Yahoo group: hamradiohomebrew
Date: 2010-10-17 13:46:25 UTC
From: Bry Carling
Topic: 450  Message: 450

FOR SALE: Group of nine 6m band FT243 crystals

8346 kHz = 50.077 MHz
8350 kHz = 50.100 MHz (QTY 2)
8365 kHz = 50.178 MHz
8366.7 kHz = 50.200 MHz
8369 kHz = 50.215 MHz
8371.2 kHz = 50.227 MHz
8383 kHz = 50.300 MHz
8392 kHz = 50.352 MHz

All made by Peterson Radio, Texas Crystals, Carlisle Crystals, PR Crystals, Master Quartz, etc.

Quantity 9 crystals total, all for $18.00 plus $6.00 shipping.

Please contact me off the list.

73 - Brian Carling, AF4K

# 451. FS: Groups of hc6u amateur band crystals

Yahoo group: hamradiohomebrew
Date: 2010-10-17 14:24:38 UTC
From: Bry Carling
Topic: 451  Message: 451

FOR SALE: Groups of hc6u amateur band crystals

GROUP hc6u-1 consists of: 7000, 7100, 7159 and 7174 kHz
Available (4 total) all for $8.00 plus shipping

GROUP hc6u-2 consists of: 28444 (QTY 2), 28555, 28735, 28785, 28866,
29011, 29444 kHz
Available (8 total) all for $16.00 plus shipping

Also - COLLINS 15.9775 MHz hc6u crystals for S-line and KWM-2.
(covers: 28.8 - 30.0 MHz)
QTY 4 available for $16.00 each plus shipping

More crystals available at:
http://www.af4k.com/collins_crystals.htm

73 de AF4K - Brian

# 452. FS: Rotary Switches

Yahoo group: hamradiohomebrew
Date: 2010-10-17 14:37:05 UTC
From: Bry Carling
Topic: 452  Message: 452

FOR SALE: Several New Rotary Switches.

All have standard 1/4 sghaft and mounting hardware.
Phenolic style.

QTY 4 - One Pole - 12 POSITION - $5.00 each

QTY 3 - FOUR Pole - 3 POSITION - $5.00 each

ALSO: NEW rotary switches:
QTY 1 - CERAMIC, 4-pole, 5 position - $7.00
QTY 1 - CERAMIC, 1-pole, 10 position - $6.00
QTY 1 - PHENOLIC, 1-pole, 5 position - $5.00
QTY 1 - PHENOLIC, 1-pole, 3 position - $4.00
QTY 1 - PHENOLIC, 2-pole, 6 position - $4.00
QTY 1 - PLASTIC, 1-pole, 5 position small - $1.00

Will sell this last group of 6 for $20.00 is anyone wants all of them.
Shipping additional.

Please contact me off the list.
73 - AF4K, Brian

# 453. FS: Ham Homebrewing parts

Yahoo group: hamradiohomebrew
Date: 2010-10-29 19:51:49 UTC
From: Bry Carling
Topic: 453  Message: 453

FOR SALE:

NEW IN BOX FT243 Crystals on 1030 kHz - $5.00 each (QTY 10 available)

NEW IN BOX FT243 Crystal on 1475 kHz - $5.00 (QTY 1 available)

GROUP OF SIX panel mount fuse holders - traditional cartridge fuse sizes.
various shapes, but all pretty standard. All for $6.00 plus shipping.

RCA 6197 tubes - QTY 4 available. New in boxes. $2.00 each plus shipping.

RCA 5651 tubes - QTY 2 available. New in boxes. $2.00 each plus shipping.

Sylvania 5963 tubes - QTY 2 available. New in boxes. $3.00 each plus
shipping.

JUNK BOXES (!!) - may include caps, power supplies, tubes, resistors,
plugs,
adapters, crystals, variable capacitors, fuses, hardware etc. These will fill a
medium sized Priority mail flat rate box to USA for $15.00 plus $13.00
shipping.
Easily worth at least $60.00 by anyone's reckoning.
QTY 4 available for $15.00 plus shipping.

HIGH Voltage terminal - plug and socket for panel mount of up to 5 KV
cables to RF PA etc.
QTY 1 available for $2.00 plus shipping.

PAIR OF special UHF diodes - type 1N21B as used in microwave
applications and prized by
crystal set builders. Will sell the pair for $5.00 plus shipping.

BOX of ten air variable capacitors with 1/4" shafts. Various PFs. Mostly
medium - low power
devices and most will be max of about 20 pf to 300 pF.
Will sell all for $20.00 plus shipping

STANCOR P-8359 p[ower transformer, new in box.
117V at 60 Cy. primary, SEC = 12.6V CT at 3.0 A
Available for $6.00 plus shipping

Pair of No. 20 ceramic standoffs by EF Johnson, conical, with two screw
mounts.
Height is 2". Width is 1-5/8" - has stud-nut and solder tag terminals on top.
Will sell the pair for just $4.00 plus shipping.

Group of TEN type CR-1A crystals from WW2 - most are not in the ham
bands - a few may be.

Will sell as a group for $10.00 plus shipping.

GROUP of TEN type FT243 Crystals WW2-era original types in the 40 meter ham band.
FREQs = 7000, 7075, 7100, 7125, 7140, 7173.3, 7175, 7185, 7222, 7275 kHz
A great value at $20.00 plus shipping for the entire group. (normally $14 each!)

PAIR of RF Chokes. 2.5 mH multi-pile types as typically used in low level transmitter stages or
in receivers, about 1" long X 1-1/2" diameter pilings, plus length of leads attached. Good,
used condition. Will sell the pair for $4.00 plus shipping.

QTY 4 new Octal sockets, with ground tags. Will sell all four for $6.00 plus shipping.

QTY 4 used Octal sockets, with ground tags. Good condition. Will sell all four for $4.00 plus shipping.

QTY 4 new LOCTAL sockets. Will sell all four for $8.00 plus shipping.

hc6u Crystal Sockets, ceramic - available for $4.00 each or FOUR for $12.00

QTY 8 - Phenolic, NEW 5-way terminal strips. Traditional turret style, great for homebrewing.
Dimensions, 2-/12' X 1/2" with 5 turrets. Wrap, solder, bingo, perfection. 2 sets available.
Will sell group of 8 for $16.00 plus shipping.

CS-137 crystal case from WW2 era. Good condition. Has been painted a darker green but still quite usable and in good shape.
Holds QTY 120 type FT243 crystals. Available for $15.00 plus shipping.

Combine items to save on shipping costs.

73 & thanks for looking - Bry, AF4K

# 454. FS: Isolation Transformers

Yahoo group: hamradiohomebrew
Date: 2010-11-01 12:55:16 UTC
From: Bry Carling
Topic: 454  Message: 454

FOR SALE:

1000 watt Isolation Transformer. for 120V AC.

by Northlake Engineering Co. This is a 1:1 transformer.
120V AC in = 120V AC out. Very conservatively rated.
Actually is rated for 12 Amps (1400 watts.)

Has four IEC outlets and heavy duty power cable.
Heavy gauge, light gray metal case with rubber feet.
Like new condition.

Has a nice breaker switch for power ON/OFF.

Available for $45.00 each plus shipping

# 455. FS: Marker Crystals

Yahoo group: hamradiohomebrew
Date: 2010-11-15 12:13:09 UTC
From: Bry Carling
Topic: 455  Message: 455

For sale: Marker Crystals

100 kHz - $19.00 each
1.000 MHz - $16.00 each
10.000 MHz - $16.00 each

These are full size, hc6u, or wire lead crystals. In the case of
the 100kHz crystals, they are new manufacture, top quality
"tall hc6/u" crystals known as hc13/u. Some of the others are available
with wire leads. Shipping is additional.

73 de AF4K, Bry

http://www.af4k.com/hc6u_crystals.htm

# 456. FS: TUBE ERA Ham Parts

Yahoo group: hamradiohomebrew
Date: 2010-11-18 12:28:45 UTC
From: Bry Carling
Topic: 456  Message: 456

FOR SALE:

QTY 14 Tube-era transformers.
These are mostly open frame, above-chassis type transformers w/lugs.
One or two potted, includes output transformers, power transformers etc.
Some marked, some pot-luck.
Will sell all 14 for $25.00 plus $11.00 for USA shipping.

JUNK BOXES (!!) - may include caps, power supplies, tubes, resistors, plugs,
adapters, crystals, variable capacitors, fuses, hardware etc. These will fill a
medium sized Priority mail flat rate box to USA for $15.00 plus $13.00 shipping.
Easily worth at least $60.00 by anyone's reckoning.
QTY 2 available for $15.00 plus $12.00 for USA shipping.

Paper capacitors, QTY 30 new, old stock caps with axial leads for
$3.00 plus shipping

Electrolytic capacitors, QTY 30 new, old stock caps with axial and radial
leads for $3.00 plus shipping

New RF Chokes, 2 mH pi-wound types with axial leads - rated 50 mA
Available for $2.00 each

New RF Chokes, 1 mH pi-wound types with axial leads - rated 50 mA
Available for $1.00 each

GROUPS of original ham band, 1945-1960 era FT243 crystals:

GROUP A:
QTY 5 - 3835, 3858, 3910, 3931, 3952 kHz
All for $15.00 plus shipping

GROUP B:
QTY 5 - 3878, 3891, 3940, 3945, 3990 kHz
All for $15.00 plus shipping

GROUP C:
QTY 2 - 3825 kHz
Pair for $10.00 plus shipping

GROUP D:
QTY 2 - 3840 kHz
Pair for $10.00 plus shipping

GROUP E:
QTY 2 - 3897 kHz
Pair for $10.00 plus shipping

GROUP F:
QTY 2 - 3995 kHz
Pair for $10.00 plus shipping

GROUP G:
QTY 2 more - 3995 kHz
Pair for $10.00 plus shipping

NEW IN BOX FT243 Crystals on 1030 kHz - $6.00 each (QTY 8 available)

100 kHz Calibrator Crystals HC13/U (TALL HC6U )
- $19.00 each plus shipping.

Other FT243 crystals: 1430, 1470, 1525, 1585, 1600, 1700, 1790 kHz
1815, 1822, 1825, 1843, 1850, 1856 kHz FT243 crystals - $14.00 each

QTY 1 - FT-243 crystal case, military surplus, type CS-137 with two locking compartments. Holds up to 120 crystals. QTY 1 available for $15.00 plus shipping.

GROUP OF SIX panel mount fuse holders - traditional cartridge fuse sizes. Very standard for homebrewing and repairs. All for $6.00 plus shipping.

QTY 4 Octal tube sockets. These are clean, used sockets.- standard type with ears for chassis mounting. All four for $4.00 plus shipping.

RCA 6197 tubes - QTY 4 available. New in boxes. $2.00 each plus shipping.

RCA 5651 tubes - QTY 2 available. New in boxes. $2.00 each plus shipping.

Sylvania 5963 tubes - QTY 2 available. New in boxes. $3.00 each plus shipping.

Please contact me directly to arrange purchase.
OR you can order directly from my web site at:

http://www.af4k.com/miscpart.htm

More at:
http://www.af4k.com/crystals.htm

73 de AF4K - Bry

# 457. FS: Small tube-era power supply

Yahoo group: hamradiohomebrew
Date: 2010-11-20 23:18:55 UTC
From: Bry Carling
Topic: 457  Message: 457

FOR SALE: Small tube-era power supply

120V AC input

Output Nr. 1 = 180V DC at 100 mA
Output Nr. 2 = 6.3V AC at 3A

Dimensions: 8" X 5" X 2.5" chassis
Overall height is 6"

UTC Special Series S-55 power transformer, and
a choke-input filter.

Has fuse, switch and pilot lamp on the control panel, and
short AC cord with 2-pin plug.

Available for $24.00 plus $12.00 USA shipping.

73 de AF4K, Bry

# 458. REDUCED: Tube experimenter power supply

Yahoo group: hamradiohomebrew
Date: 2010-11-26 13:51:21 UTC
From: Bry Carling
Topic: 458  Message: 458

FOR SALE: Small tube-era power supply

120V AC input

Output Nr. 1 = 180V DC at 100 mA
Output Nr. 2 = 6.3V AC at 3A

Dimensions: 8" X 5" X 2.5" chassis
Overall height is 6"

UTC Special Series S-55 power transformer, and
a choke-input filter.

Has fuse, switch and pilot lamp on the control panel, and
short AC cord with 2-pin plug.

Available for $24.00 plus $12.00 USA shipping.

73 de AF4K, Bry

# 459. FS: 14 MHz crystals

Yahoo group: hamradiohomebrew
Date: 2010-11-27 21:11:27 UTC
From: Bry Carling
Topic: 459  Message: 459

FOR SALE: Fun 20m Ham Band FT243 Crystals...
These are available for $14.00 each plus shipping.

14.042 MHz
14.058 MHz
14.060 MHz
14.089 MHz
14.151 MHz
14.165 MHz
14.186 MHz
14.213 MHz
14.215 MHz
14.219 MHz
14.229 MHz
14.230 MHz
14.233 MHz
14.235 MHz
14.247 MHz
14.270 MHz
14.275 MHz
14.278 MHz
14.280 MHz
14.300 MHz
14.312 MHz
14.320 MHz
14.335 MHz
14.340 MHz
14.345 MHz

Pictures and Details at:
http://www.af4k.com/crystals.htm

73 de AF4K, Bry Carling

# 460. FS: AMP KEYER interface

Yahoo group: hamradiohomebrew
Date: 2010-12-01 20:24:35 UTC
From: Bry Carling
Topic: 460  Message: 460

FOR SALE:

Interface modern transceivers with older tube linear amplifiers
with ease with this plug-and-play device.

Manufactured by Mike, WB8VGE of SunLight Energy Systems, The
Heathkit Shop. This one is brand new - I never used it.

The Ampkeyer will solve the universal problem of interfacing
one's transceiver to an amplifier, no matter what the rig or what kind of
amplifier. And you don't have to open up the amp to install any
modifications.

Manufacturer page:
http://www.theheathkitshop.com/page13/page13.html

Details and glowing reviews here.
http://www.eham.net/reviews/detail/3100?page=1

Comes with the original documentation. Mint condition.

New cost is $49.95 plus shipping.
Will sell mine for $39.95 plus shipping.

73 - Bry, AF4K

# 461. FS: Tube pin straighteners and adapters

Yahoo group: hamradiohomebrew
Date: 2010-12-10 22:08:42 UTC
From: Bry Carling
Topic: 461  Message: 461

FOR SALE: Tube pin straighteners and adapters

QTY 2 Tube pin straighteners used for 7 pin miniature tubes.
$5.00 each

QTY 1 - Pomona Test Socket Adapter 9-PIN miniature. Has side terminals.
Bakelite approx. 1 inch tall. - $6.00

QTY 1 - Pomona Test Socket Adapter 7-PIN miniature. Has side terminals.
Red plastic approx. 1.5 inch tall. - $6.00

QTY 1 - CBS Hytron Test Socket Adapter 7-PIN miniature. Has side
terminals. Black plastic approx. 1 inch tall. - $6.00

QTY 1 - Pomona Socket Saver 9-PIN miniature.
black plastic approx. 1 inch tall. - $4.00

Shipping additional.

73 de AF4K - Brian

# 462. FS: Crystal Pairs

Yahoo group: hamradiohomebrew
Date: 2010-12-14 14:04:29 UTC
From: Bry Carling
Topic: 462  Message: 462

FOR SALE: FT243 Crystal Pairs

One for you - one for a friend

QTY 2 X 3825 kHz

QTY 2 X 3897 kHz

QTY 4 X 3995 kHz

These are all available for $4.00 per crystal plus shipping.
Please contact me off the list.

73 - Bry, AF4K

# 463. FS: Some more radio parts

Yahoo group: hamradiohomebrew
Date: 2010-12-14 14:34:12 UTC
From: Bry Carling
Topic: 463  Message: 463

FOR SALE:

1) BOX of 10 Ceramic Variable Capacitors. Various values from 30 pF
and up. Some transmitting, some receiving. All ten for $20.00 plus shipping.

2) 100 kHz crystals - new, tall type hc13u calibrator crystal as used in all
tube era radios. FIts the same soicket as an hc6u crystal. Available for
$19.00 each plus shipping.

3) Lacing cord for wiring harnesses. New, 300 yard spool available for
$12.50 plus shipping.

4) Pair of 2E26 transmitting tubes. Used, good tested tube pair for $5.00
plus shipping.

5) EIMAC 4-65A transmitting tube with ceramic socket in excellent condition.
QTY 1 available for $8.00 plus shipping.

6) RCA 832 mil-spec transmitting tube - looks new.
QTY 1 available for $5.00 plus shipping.

7) G.E. 6997 VHF transmitting tube, used. Looks OK.
QTY 1 available for $2.00 plus shipping.

8) Drake Crystal for R4A, R4B or R4C, covers 10.0 - 10.5 MHz
QTY 1 available for $12.00

9) Group of hc6u crystals on 7000 kHz, 7100 kHz, 7159 kHz, 7170 kHz,
and QTY 2 X 7174 kHz. TOTAL of six mil surplus crystals for $12.00
plus shipping.

10) Pair of FT243 crystals on 3880 kHz. One for you and one for a friend!
These are available for $10.00 each plus shipping.

11) Broadcast band FT243 crystals. 1200 kHz, 1300 kHz, 1475 kHz, 1600
kHz, 1585 kHz. Available for $14.00 each plus shipping.

73 and thanks for looking.

Brian, AF4K

# 464. REDUCED: 20m Crystals

Yahoo group: hamradiohomebrew
Date: 2010-12-14 15:09:07 UTC
From: Bry Carling
Topic: 464  Message: 464

FOR SALE: Fun 20m Ham Band FT243 Crystals...
These were $14.00 each -
Now most available for $3.00 each plus shipping (unless noted)

14.042 MHz ($14)
14.058 MHz ($14)
14.060 MHz ($14)
14.089 MHz
14.151 MHz
14.165 MHz
14.186 MHz
14.213 MHz
14.215 MHz
14.219 MHz
14.229 MHz
14.230 MHz
14.233 MHz
14.235 MHz
14.247 MHz
14.270 MHz
14.275 MHz
14.278 MHz
14.280 MHz
14.300 MHz
14.312 MHz
14.320 MHz
14.335 MHz
14.340 MHz
14.345 MHz

Pictures and Details at:
http://www.af4k.com/crystals.htm

73 de AF4K, Bry Carling

# 465. FS: Heathkit Crystal

Yahoo group: hamradiohomebrew
Date: 2011-01-03 12:46:32 UTC
From: Bry Carling
Topic: 465  Message: 465

FOR SALE: Heathkit SB-line / HW-line Crystal

This is a new, unused, original heathkit part intended for extended range on 40m for MARS use.

Comes in the Heath box, and is marked "HEATH" in bold letters on the crystal.

This is a special 40 m crystal that covers 6.900 - 7.200 MHz
Crystal Frequency is 15.7950 MHz

Price reduced to $4.00 plus shipping.

Please contact me off the list to arrange purchase.

73 - Bry, AF4K

# 466. FS: AIr Variable Capacitors Group

Yahoo group: hamradiohomebrew
Date: 2011-01-07 19:02:07 UTC
From: Bry Carling
Topic: 466  Message: 466

FOR SALE:

Group of 15 USA made air variable capacitors.

These are all older parts, many unused. Brands like Hammarlund, Cardwell, Johnson, etc. Small to medium sized parts, from 15 pF to 200 pF. All of these have the typical white ceramic frame. Great condition and ready for your winter homebrew projects.

Will sell for $30.00 plus shipping.

73 de AF4K, Bry

# 467. FS: Group of Rotary Switches

Yahoo group: hamradiohomebrew
Date: 2011-01-07 19:10:31 UTC
From: Bry Carling
Topic: 467  Message: 467

FOR SALE:

Group 10 of Rotary Switches. This is a mix of medium power ceramic types, phenolic types etc. Everything from 3 - 12 positions. Most are new, and the rest are very clean. One or two have extra sets of contacts.

Will sell the group for $22.00 plus shipping.

Please reply off the list. 73 & thanks for reading - Bry, AF4K

# 468. FS: Variety of Radio Items

Yahoo group: hamradiohomebrew
Date: 2011-01-09 23:35:46 UTC
From: Bry Carling
Topic: 468  Message: 468

FOR SALE - Various Radio Items:

Hallicrafters Sky Buddy S19, Excellent - $165.00

Yaesu FT-101E, may need some work - $225.00

KLM ECHO 70 SSB-CW Transceiver for UHF 70cm Band - $95.00

RL Drake Company receiver 100 kHz - 30.0 MHz PRN1000 - $145.00

Two 250 watt variacs - Each designed for 0 - 250 V AC at 1 amp.
Can be used at 120V AC also.
Available for $27.00 each

Heath HD-15 Phone Patch - cherry, $15.00

Panel meter - 0 to 200 mA DC, 2" diameter with hardware - $5.00

Group of variable capacitors -
Consists of TWO DUAL 500pf air variable capacitors and TWO 350 pF
single air variable capacitors.
ALL FOUR for a total of $20.00 plus shipping.

MFJ-760 notch filter - 80 to 180 MHz... $4.00

Hamtronics 800 MHz receiving converter $4.00

14V DC at 4.5 Amps power supply.
AC operated supply. Based on a circuit Board. Rugged design - great
for filaments or for use with other projects. Excellent working condition.
QTY 1 available for $8.00 plus shipping.

More parts and accessory items will be added soon...

73 - Brian, AF4K

Pictures and details here:

http://www.af4k.com/radios.htm

http://www.af4k.com/miscpart.htm

# 469. FS: Surplus chasses, transformers, crystals projects and parts

Yahoo group: hamradiohomebrew
Date: 2011-01-12 14:30:57 UTC
From: Bry Carling
Topic: 469  Message: 469

FOR SALE:

Group of four classic air variable capacitors:
QTY 2 X 80 pF and QTY 1 X 100 pF plus a large 30 pF.
Will sell all four for $12.00 plus shipping. Picture and details at:
http://www.af4k.com/miscpart.htm

Various Tube era chassis and radio / audio projects including a Piano-key shortwave table radio, A Bogen E10 tube audio amplifier, most are full of useful parts or could be rebuilt into something fun. Ranging from $1.00 to $8.00 each plus shipping. Combine items to save on shipping.
Pictures and details at:
http://www.af4k.com/miscpart.htm

ALSO:
MFJ-760 Filter for scanners - removes nearby sources of powerful QRM.
Nice box. Only $4.00 plus shipping.

Hamtronics UHF 800 MHz receiving converter. $4.00 plus shipping.

New small RF Chokes, 2 mH pi-wound - $2.00 each (12 available)

New small RF Chokes, 1 mH pi-wound - $1.00 each (32 available)

NEW IN BOX FT243 Crystals on 1030 kHz - $6.00 each (8 available)

Pair of crystals for BC611 - $24.00 per pair:
3735 kHz and 4190 kHz (6 pairs available)
3800 kHz and 4255 kHz (2 pairs available)
3885 kHz and 4340 kHz (6 pairs available)

100 kHz calibrator crystal, tall hc6u (hc13u) - new - $19.00 each
(several available)

73 & thank you for looking - Bry Carling, AF4K

http://www.af4k.com/miscpart.htm

http://www.af4k.com/crystals.htm

# 470. FS: PAIR OF 811A Tubes for $6.00

Yahoo group: hamradiohomebrew
Date: 2011-01-22 19:43:13 UTC
From: Bry Carling
Topic: 470  Message: 470

For sale:

Two 811A Tubes for $6.00 total.

These are good looking used tubes, but don't look overheated
or anything. Great for tube homebrew. One is a nice RCA tube and
the other is a Sylvania, but they look the same inside. No boxes
but will pack them carefully for safe shipment.

"Why are these so inexpensive?" you may ask!

Well, the Sylvania one is missing the plate cap, and I don't have it.
Just the wire on top so you will need to connect to that, which is easy
enough.

I figured the RCA one is easily worth the $6 and the other is a freebie.

So - let me know ASAP if you'd like tyhese and they are all yours!

73 de AF4K - Bry

# 471. FS: Compactron Tube Sockets

Yahoo group: hamradiohomebrew
Date: 2011-01-22 20:43:38 UTC
From: Bry Carling
Topic: 471  Message: 471

FOR SALE:

More homebrew parts delight...
A group of 8 unusual tube sockets and one male plug.
Most of these appear to be for compactron tubes as noted.

All are new and unused except one.

Two 12-pin sockets - new
One 11-pin socket - new
One 11-pin plug - new
One 11-pin socket - used
Two 9-pin sockets, new (one missing a pin, easily replaced from
a smaller donor socket)

One larger vented socket, sems to be a 4X150A style socket.

I don't want to ship these out separately, so will sell the entire group
for $24.00 plus shipping.

# 472. REDUCED: USA Made Power Resistors

Yahoo group: hamradiohomebrew
Date: 2011-01-26 12:54:16 UTC
From: Bry Carling
Topic: 472  Message: 472

FOR SALE: USA made Power Resistors

Suitable for bleeder resistors in HV power supplies, etc.
These are good quality, new old stock parts. QTY 1 each.

Now reduced - $6.00 to $18.00 each.

Picture and ordering page at:
http://www.af4k.com/resistors.htm

50,000 ohms at 100 watts
25,000 ohms w/slider at 100 watts
25,000 ohms at 100 watts
25,000 ohms at 75 watts
25,000 ohms at 50 watts
24,000 ohms at 72 watts
20,000 ohms at 100 watts
20,000 ohms at 50 watts
18,000 ohms at 86 watts
18,000 ohms at 55 watts
16,000 ohms at 50 watts
15,000 ohms at 120 watts
15,000 ohms at 72 watts
14,000 ohms at 50 watts (QTY 2)
12,000 ohms at 116 watts
12,000 ohms at 75 watts
12,000 ohms at 68 watts
12,000 ohms at 40 watts
12,000 ohms at 30 watts

Picture and ordering page at:
http://www.af4k.com/resistors.htm

# 473. FS: Terminal Strips & homebrew parts

Yahoo group: hamradiohomebrew
Date: 2011-01-27 12:43:55 UTC
From: Bry Carling
Topic: 473  Message: 473

FOR SALE:

Group of 20 good quality terminal boards - great for homebrew tube type amateur radio or audio construction projects. Hard to find, top quality phenolic, fibreglass and bakelite boards. For $12.00 plus shipping. (photo link below)

Group of Four variable capacitors - ceramic frame, USA made old stock caps, 100 pF, 80 pF, 30 pF etc. Total of 4 pieces for $20.00 plus shipping.

Bleeder resistors $6 - $18 each

Power Supply, 14.0 Volts DC at 4.5 Amps - $5.00

Heathkit HD-15 Phone Patch, like new - $15.00

Junk box of parts - may include caps, power supplies, tubes, resistors, plugs, adapters, crystals, variable capacitors, fuses, hardware etc. - two available for $15.00 plus shipping.

RF Chokes, 2 mH pi-wound types with axial leads - rated 50 mA Available for $2.00 each

RF Chokes, 1 mH pi-wound types with axial leads - rated 50 mA Available for $1.00 each

GROUP OF SIX panel mount fuse holders - traditional cartridge fuse sizes. Very standard for homebrewing and repairs. All for $6.00 plus shipping.

Pictures and details with ordering page, here:

http://www.af4k.com/miscpart.htm

73 - Brian, AF4K

# 474. Homebrew Articles

Yahoo group: hamradiohomebrew
Date: 2011-01-29 21:11:06 UTC
From: Bry Carling
Topic: 474  Message: 474

You can find a WEALTH of homebrew articles in the FILES section of
FL BOATANCHORS under the "HOMEBREW" folder!

See:
http://groups.yahoo.com/group/FLBOATANCHORS

Enjoy!

73 de AF4K, Bry

# 475. FS: Two aluminum chassis

Yahoo group: hamradiohomebrew
Date: 2011-01-31 23:40:52 UTC
From: Bry Carling
Topic: 475  Message: 475

For sale: Two small aluminum chassis

These are two new boxes intended for use with an intercom case, but would work great for a small ham project too. Shaped and constructed like any conventional chassis, except painted white.

Dimensions: 8" X 6-1/4" X 2-3/4" tall. The lip on the bottom is 1/2" wide and has six handy threaded holes for mounting. There are four small holes in the top of the chassis.

QTY 2 available for $5.00 each.

E-mail for a picture if you need to see one first.

73 de AF4K, Bry

# 476. For sale: Two new RF Power Transistors 2N5945

Yahoo group: hamradiohomebrew
Date: 2011-01-31 23:54:43 UTC
From: Bry Carling
Topic: 476  Message: 476

For sale: Two new RF Power Transistors 2N5945

NPN, UHF/Microwave devices.
Good to 960 MHz, 4 W, 9 dB, with 12.5 V DC supply.

These sell for $61.74 each online, with the discounters selling them for
$49.00 each. I have seen a few on eBay in the $15 range.

QTY 2 available for $5.00 each.

E-mail for a picture if you need to see them first.

73 de AF4K, Bry

# 477. FS: $2.00 Tubes (6146)

Yahoo group: hamradiohomebrew
Date: 2011-02-01 00:02:00 UTC
From: Bry Carling
Topic: 477  Message: 477

FOR SALE: $2.00 Tubes (good, used)

QTY 2 - 6146 - GE
QTY 1 - 6146A - GE
QTY 1 - 6146W - USN
QTY 1 - 6146 - RCA
QTY 1 - 6293 - RCA
QTY 1 - 6146 - Sylvania

Take all seven for $12.00 and save on shipping too.

73 - Brian, AF4K

# 478. FS: Panel Meter 20A DC

Yahoo group: hamradiohomebrew
Date: 2011-02-06 21:03:42 UTC
From: Bry Carling
Topic: 478  Message: 478

For sale: Round Panel Meter for 0 - 20A DC.

Round meter requires a 2" round hole. Comes with the mounting hardware.
Emico model 2C-2104 (made by Electro-mechanical Instrument Co.,
Perkasie, PA. USA)
QTY 1 available for $3.00 plus shipping.

Bry, AF4K

# 479. FS: Extra Nice Hallicrafters Receiver

Yahoo group: hamradiohomebrew
Date: 2011-02-08 13:46:28 UTC
From: Bry Carling
Topic: 479  Message: 479

FOR SALE: Hallicrafters S19 Receiver

This is an exceptionally nice example of this early shortwave,
all-band receiver. Has 6 Tubes, covers 540 kHz - 50.0 MHz in 4 bands.
Modes: AM, CW, SSB. Has bandspread tuning,
logging scale, original S-meter, internal speaker all in great shape.
Serial number H-96701
Dimensions: 17 1/2" wide X 9" high X 10" deep

Exceptionally nice, working condition. Very clean inside and out.
Original paint. All functions working.
I have seen a lot of these that are repainted or scuffed up badly, but
this one is exceptionally nice. Great for re-creating that early novice station.
Comes with two original manuals and a special Hugo Gernsback book "The
Sky Buddy Sage" - 26 pages about this receiver.

Available for $149.00 plus shipping.

Picture and details at:

http://www.af4k.com/radios.htm

73 - Brian, AF4K

# 480. FS: New Ceramic Caps

Yahoo group: hamradiohomebrew
Date: 2011-02-08 20:40:38 UTC
From: Bry Carling
Topic: 480  Message: 480

FOR SALE: New Ceramic Caps

QTY 3 new RCA 109229 - Caps are 130 pF at 6000V
QTY 7 new Sprague 1000J - Caps are 1000 pF at 1000V

Will sell all of these for $6.00 total plus shipping.

73 - Brian, AF4K

# 481. DOLLAR TUBES

Yahoo group: hamradiohomebrew
Date: 2011-02-12 02:23:33 UTC
From: Bry Carling
Topic: 481  Message: 481

DOLLAR TUBES:

Pair of Planar Tubes - one is an Eimac 2C39 - the other looks the same but has a larger heatsink on top. Probably another brand of 2C39.
Will sell the pair for $2.00

2E26 tubes - good used. Will sell two for $2.00

Others: Cunningham 327 (looks new) - $1.00

RCA 6X5 - $1.00

Group of 5 tubes including a 2C51, 5670, 6C4, 6AL5 and a little triode (6C4?) - all 5 for $5.00

Philco 5V4 - $1.00

RCA 5Y3 - $1.00

OB2 regulator Sylvania - $1.00

6BM8 - ECL82 - Britain - $1.00

All of the above for $13.00 plus shipping

73 - Brian, AF4K

# 482. FS: AM-1180/GRC 250 Watt VHF Amplifier

Yahoo group: hamradiohomebrew
Date: 2011-02-12 03:02:33 UTC
From: Bry Carling
Topic: 482  Message: 482

FOR SALE: 6m Power Amplifier, AM-1180/GRC

Designed to cover 50-100 MHz, and has 250 Watts max input. Used with
T-302/PRC transmitter. Complete with 4X150A tube and everything needed
except the bottom cover is missing. Excellent condition, Easily modified to
run a 4CX250 as W4DEX and others have done. Simple, basic, military
workhorse amplifier. Easy to get at everything internally and not a huge unit.
Needs external power supply approx: 1250V DC at 200 mA, and 6V AC at
2.5 A
Uses N connectors for RF in and out. Dimensions: 12" X 6.25" X 13.5"
deep.
and details at:
http://www.af4k.com/radios.htm

Will sell for $115.00 plus shipping

# 483. FS: Powerstat 20 Amp Variac

Yahoo group: hamradiohomebrew
Date: 2011-02-12 04:52:03 UTC
From: Bry Carling
Topic: 483  Message: 483

FOR SALE: Powerstat 20 Amp Variable Transformer.
0 - 120V AC
Rugged, Quality USA made device with original large knob.

QTY 1 available for $75.00 plus shipping.

# 484. FS: Astatic D104 Microphone

Yahoo group: hamradiohomebrew
Date: 2011-02-12 12:56:38 UTC
From: Bry Carling
Topic: 484  Message: 484

FOR SALE: Astatic D104 Microphone, amplified version.
This is in excellent condition, and is wired for a newer Yaesu rig with the RJ45 connector. WIll work with FT857, FT897 and FT450 and more. Easily rewired for other radios.

Available for $40.00 plus shipping.

73 - Bry, AF4K

# 485. REDUCED: Hallicrafters Sky Buddy

Yahoo group: hamradiohomebrew
Date: 2011-02-12 20:58:25 UTC
From: Bry Carling
Topic: 485  Message: 485

REDUCED: Hallicrafters Sky Buddy

Beautiful old shortwave all-band receiver. This may
be an S19 or S19R. I don't know.
6 Tubes, manufactured 1938 and 1939 in Chicago,
Illinois, USA.
Covers 540 kHz - 50.0 MHz in 4 bands. Modes: AM,
CW, SSB. Has bandspread tuning,
logging scale, original S-meter, internal speaker
all in great shape.
Serial number H-96701
Dimensions: 17 1/2" wide X 9" high X 10" deep

Exceptionally nice, working condition. Very clean
inside and out.
Original paint. All functions working.

This receiver is not repainted or scuffed up, all
original and is exceptionally nice. Great for re-
creating an early novice station.

Comes with two original manuals and a special Hugo
Gernsback book "The Sky Buddy Saga" - 26 pages
about this receiver.

Reduced to $129.00 plus shipping.

Picture and details here:
http://www.af4k.com/radios.htm

Thanks for looking and 73 - Brian "Bry" Carling,
AF4K

# 486. FS: S-meter, NOS

Yahoo group: hamradiohomebrew
Date: 2011-02-24 11:17:07 UTC
From: Bry Carling
Topic: 486  Message: 486

FOR SALE:

Edgewise S-meter ME-223 made by OLSON Electronics, new. in original package. This is a 0-210 mA Japanese movement marked for both recv and also a scale for xmit power. Fits rectangular hole approx. 1-5/8" wide by 7/8" tall.

Available for $3.00 plus shipping.

# 487. FS: Glass vacuum caps.

Yahoo group: hamradiohomebrew
Date: 2011-02-24 11:33:06 UTC
From: Bry Carling
Topic: 487  Message: 487

FOR SALE: Glass vacuum capacitors.

QTY 1 Vacuum Variable - 0 to 150 pF at 10 kV (possibly 20 kV) - missing hardware - $20.00
QTY 2 X Jennings fixed 100 pF at 20 KV caos - $5.00 each
Shipping additional.

73 - Brian "Bry" Carling, AF4K

# 488. FS: Heathkit HM-15 SWR meter

Yahoo group: hamradiohomebrew
Date: 2011-02-24 11:43:47 UTC
From: Bry Carling
Topic: 488  Message: 488

For Sale:

Heathkit HM-15 SWR Meter, excellent - $22.00
Heathkit HM-15 manual, excellent - $5.00
Buy both for $25.00

Shipping additional.

73 & thanks for looking - Brian "Bry" Carling, AF4K

# 489. Filtec LC filters

Yahoo group: hamradiohomebrew
Date: 2011-02-26 19:30:08 UTC
From: cheops210
Topic: 489  Message: 489

I have some surplus if filters, probably military in origin with center frequencies of 1.65 mhz. does anyone here know what the characteristic in/out impedances would be? Thanks
]Bill WD5DZG

# 490. FS: DRAKE MS4 Speaker

Yahoo group: hamradiohomebrew
Date: 2011-02-26 21:50:39 UTC
From: Bry Carling
Topic: 490  Message: 490

For sale: Exceptionally nice DRAKE MS4 Speaker.
Selling for $125.00 plus shipping

Pictures and details are available at:

http://www.af4k.com/radios.htm

73 - Brian "Bry" Carling, AF4K

# 491. FS: 50 MHz Linear Amplifier, AM-1180/GRC

Yahoo group: hamradiohomebrew
Date: 2011-02-26 22:01:17 UTC
From: Bry Carling
Topic: 491  Message: 491

FOR SALE: 50 MHz Linear Amplifier, AM-1180/GRC

250 watt linear amplifier - conservatively rated.
Designed to cover 50-100 MHz, and has 250 Watts max input. Used with
T-302/PRC transmitter. Complete with 4X150A tube and everything needed
except the bottom cover is missing. Excellent condition, Easily modified to
run more power with a 4CX250 as W4DEX has done. Simple, basic, military
workhorse amplifier. Easy to get at everything internally and not a huge unit.
Needs external power supply approx: 1250V DC at 200 mA, and 6V AC at
2.5 A
Uses N connectors for RF in and out. Dimensions: 12" X 6.25" X 13.5" deep.

Pictures and details at:
http://www.af4k.com/radios.htm

73 - Brian "Bry" Carling, AF4K

# 492. FS: Exceptional Drake MS4 speaker

Yahoo group: hamradiohomebrew
Date: 2011-02-26 22:26:51 UTC
From: Bry Carling
Topic: 492  Message: 492

FOR SALE: Drake MS4 speaker - excellent, working condition

Extra clean, nice collector condition. Unbeatable appearance.
Drake 4-line station speaker in excellent, near mint condition.

Available for $125.00 plus shipping

Picture and details at:
http://www.af4k.com/radios.htm

73 - Bry, AF4K

# 493. FS: Beautiful QRO Antenna Tuner

Yahoo group: hamradiohomebrew
Date: 2011-02-26 22:32:56 UTC
From: Bry Carling
Topic: 493  Message: 493

FOR SALE: Beautiful High Power HF Antenna Tuner with Roller Inductor
and Balun. 2KW plus rating.

Vernier tuning dials, and a clear numberical readout for the roller inductor.
Antenna connections uinclude single wire, balanced feedline and coax.
Connection
to transmitter is via SO-239 coax connector.
The beauty of this tuner is the cabinet which matches Collins equipment.
Will outperform most commercially available tuners of today.

Available for $175.00 plus shipping.

Pictures and details here:
http://www.af4k.com/radios.htm

73 & thanks for looking - Bry Carling, AF4K

# 494. FS: Millen Ceramic FT243 Sockets

Yahoo group: hamradiohomebrew
Date: 2011-02-28 12:23:21 UTC
From: Bry Carling
Topic: 494  Message: 494

FOR SALE:
New Millen Ceramic FT243 Sockets
Original NOS sockets made in Malden, MA

Great for period restoration or authentic homebrew.

QTY 3 available for $10.00 each plus shipping.

73 - Bry Carling, AF4K

# 495. FS: Large 4.25 Henry Choke

Yahoo group: hamradiohomebrew
Date: 2011-02-28 20:05:02 UTC
From: Bry Carling
Topic: 495  Message: 495

FOR SALE: General Electric ChokeType 7471984

4.25 H at 39 ohms resistance. Current rating appears to read
4.45A but not sure. Made in Schenectady, NY
Dimensions: 5" X 3-5/8" X 4-3/8" tall.
Painted gray, potted, and as ceramic screw terminals with brass
nuts on the top of one end.
Mounts via four screw #10 holes in base.

QTY 1 available for $15.00 plus shipping.

73 de AF4K, Bry Carling

# 496. FS: Heathkit SWR meter

Yahoo group: hamradiohomebrew
Date: 2011-03-09 22:07:14 UTC
From: Bry Carling
Topic: 496  Message: 496

For Sale:

Heathkit HM-15 SWR Meter, for the SB-series and HW-series radios.
Also looks great with any vintage Heath station. Excellent - $22.00
Heathkit HM-15 manual, excellent - $5.00
Buy both for $25.00

Shipping additional.

73 & thanks for looking - Brian "Bry" Carling, AF4K

# 497. FS: 1500 Watt tuner

Yahoo group: hamradiohomebrew
Date: 2011-03-09 22:14:43 UTC
From: Bry Carling
Topic: 497  Message: 497

FOR SALE:  Beautiful High Power HF Antenna Tuner with Roller Inductor
and Balun.
Has heavy duty components and must be at least 1500 watt rating.
Vernier tuning dials, and a clear numberical readout for the roller inductor.
Antenna connections uinclude single wire, balanced feedline and coax.
Connection to the transmitter or transceiver is via SO-239 coax connector.
Another nice feature of this tuner is the perforated, slant cabinet,
which matches Collins equipment.

Will outperform most commercially available tuners of today.

Available for $175.00 plus shipping.

Pictures and details here:
http://www.af4k.com/radios.htm

73 & thanks for looking - Bry Carling, AF4K

# 498. REDUCED: Hallicrafters Transverter

Yahoo group: hamradiohomebrew
Date: 2011-03-12 15:24:28 UTC
From: Bry Carling
Topic: 498  Message: 498

REDUCED: 60 watts of fun on 2m for Hallicrafters fans - HA-2 Transverter

For 144 - 148 MHz band allmode use. Converts any 10 meter transceiver to
2 meters.
Maximum drive power level is 25W. The output on 2m is rated for about 60
watts
and operates all modes.
Front panel controls: Power on/off, range selector, tuning, loading, output
indicator, plate current meter. 8 tubes, 5894 in the final. External power
supply
requires 750 volts at 120mA, 250 volts at 70mA, minus 60 volts at 10mA.
8"H x 17"W x 8 7/8"D. Production Year 1962.

Will work with other rigs too, of course.

Now reduced to $75.00 plus shipping.

Pictures and details here:

http://www.af4k.com/radios.htm

73 - Bry, AF4K

# 499. FS: Lacing cord

Yahoo group: hamradiohomebrew
Date: 2011-03-14 22:10:00 UTC
From: Bry Carling
Topic: 499  Message: 499

FOR SALE LACING CORD - new old stock military style nylon braided
cord for making or repairing traditional wiring harnesses.

I have two spools left. One is 500 yards by Breyden Products, Columbia
CIty, Indiana.
The other is 250 yards =from A.E. Pesche Co.
Both are natural finish. Cream colour.

QTY 1 each available

250 yards = $10.00 plus shipping
500 yards = $12.00 plus shipping

73 - AF4K, Bry Carling
Florida

http://www.af4k.com

# 500. Florida AM Group Crystals

Yahoo group: hamradiohomebrew
Date: 2011-03-20 12:15:50 UTC
From: Bry Carling
Topic: 500  Message: 500

Florida AM Net Crystals for sale.

Crystals are now available for the Florida AM Group on 3655 and 3735 kHz

I can supply these as FT243 for $14 each and as hc6u for $16.00 each.
Shipping additional. (I also have sockets.)

Please e-mail me off the list if you would like to purchase any of them.

73 - Bry, AF4K

# 501. Newest Projects

Yahoo group: hamradiohomebrew
Date: 2011-03-30 14:14:55 UTC
From: PatB
Topic: 501  Message: 501

I was really hoping folks would post on here about there projects, and put in pix. The files section is open, along with the photos section to show all of us the wonderful things you have built!

I have been busy as well, too busy to post what I have made, but here is the latest projects.

Completed and burn-in, and in actual daily operation is my Homebrew Rotator controller. I will be bringing this to Dayton with me. This allows me to control 2 different Yaesu G-5400B AZ-El rotators which are used for rotating only. They have very small little meters on them, useless for showing antenna direction. So I built a full 360 degree compass rose out of LEDs. Not satisfied that it was fancy enough, I added circuitry to allow for set and go antenna turning along with presets. Here is a vid of the finished unit
http://www.youtube.com/watch?v=yG9ccdHgiNA

Added since then is the Dual Rotor adapter as I have 2 towers using the same G-5400B Rotor. Easy selection of either tower. No mods were needed for the rotors or control boxes.

The project used something like 25 ICs, and over 50 LEDs. NO PCBs were used, it was all hand wired using wirewrap wire on perfboards.
This took MONTHS of intense work to complete and perfect. Works great!

The new project is an even MORE Daunting project. I have 2 HF radios and many many antennas, and a Heathkit SB-200 Linear. Switching them around would involve alot of coax changing or coax switches. So I decided to make an Automatic switchbox to do it all. I found a junk test device at the swapmeet for $2, and have scrapped it out to use the cabinet and metalwork. It has 2 Six digit LED displays, 18 switches, and loads more LEDs. It was tough to find uses for them all. Inside, I will use 10 coax relays to switch around the various signals in all possible combinations. Once again, I will use a Perfboard and miles and miles of Wirewrap wire to make this very very complicated device.

So lets see and hear what YOU are building!
73
WA6MHZ

# 502. Reduced: RF Tank Coils

Yahoo group: hamradiohomebrew
Date: 2011-04-08 12:52:20 UTC
From: Bry Carling
Topic: 502  Message: 502

Reduced - RF Tank Coils for sale.

Group of 4 useful RF power amplifier tank coils, suitable for QRO applications etc.

GROUP OF 4 TANK COILS

Here are four surplus RF tank coils. Two are plug-in,
jackbar types with center tap and coupling coil. One has
the banana plugs missing but these are easy to replace
with standard banana plug parts. The other two comprise
a ceramic coil, and a phenolic core coil.

Available for $9.00 each or will sell all four for
$30.00 plus shipping.

http://www.af4k.com/imag/ham/COIL1.jpg

http://www.af4k.com/imag/ham/COIL2.jpg

http://www.af4k.com/imag/ham/COIL3.jpg

http://www.af4k.com/imag/ham/COIL4.jpg

Details at:
http://www.af4k.com/miscpart.htm

73 de AF4K - Bry

# 503. APRS TRACKER

Yahoo group: hamradiohomebrew
Date: 2011-04-08 16:24:35 UTC
From: PatB
Topic: 503  Message: 503

Here is an APRS Tracker I just built using a Rockwell GPS module and a Byonics Tiny Tracker 3.
http://forums.qrz.com/showthread.php?292280-APRS-TRACKER

# 504. Re: APRS TRACKER

Yahoo group: hamradiohomebrew
Date: 2011-04-09 20:01:15 UTC
From: PatB
Topic: 503  Message: 504

The tracker is all built and tested, works great!!! Ready for installation. Check out the QRZed thread for data onit. I will post some pix in the photos section.
--- In hamradiohomebrew@yahoogroups.com, "PatB" <wa6mhz_1@...> wrote:
>
> Here is an APRS Tracker I just built using a Rockwell GPS module and a Byonics Tiny Tracker 3.
> http://forums.qrz.com/showthread.php?292280-APRS-TRACKER
>

# 505. REDUCED: Military Sirplus VHF power amplifier

Yahoo group: hamradiohomebrew
Date: 2011-04-09 20:30:36 UTC
From: Bry Carling
Topic: 505  Message: 505

REDUCED: MIlitary Sirplus VHF power amplifier
VHF Linear Amplifier, 50 - 100 MHz, AM-1180/GRC

This military surplus workhorse was designed to cover 50-100 MHz, and the power level is officially 250 Watts max input. Great for 6 meter DX. It was originally
used with the T-302/PRC transmitter. Complete with 4X150A tube and everything
needed. Excellent condition, Easily modified to run more power with a 4CX250B
tube as W4DEX and others have done. Simple, basic workhorse amplifier. Easy to
get at everything internally and not a huge size. Needs power supply of approx:
1250V DC at 200 mA, and 6V AC at 2.5 A. You could sSimply add a regulated
screen supply for all-mode linear amplifier operation. Uses N connectors for RF in
and RF out. Dimensions: 12" X 6.25" X 13.5" deep.

Was $115.00

Now available for $75.00 plus shipping

Picture and details at:

http://www.af4k.com/radios.htm

73 and thanks for looking at this electronic marvel!

Bry, AF4K

# 506. YET STILL ANOTHER Project!!! SO2R antenna switcher!!

Yahoo group: hamradiohomebrew
Date: 2011-04-10 23:04:12 UTC
From: PatB
Topic: 506  Message: 506

http://forums.qrz.com/showthread.php?287987-NEW-PROJECT!-RRE-Auto-SO2R-Antenna-PA-Switcher

This is an incredibly complicated antenna switching device with also will switch in and out a Linear to the appropriate radio. It also offers lightning protection, and the radio NOT transmitting will be swtiched to a dummy load while the other transmits So far we have 4 Dow Key relays, 4 four pole Microwave SMA relays, and a whole lot of circuitry. One of my most complicated projects yet!

# 507. More Homebrew project pix

Yahoo group: hamradiohomebrew
Date: 2011-04-12 02:57:11 UTC
From: PatB
Topic: 507  Message: 507

Here is the link to my FLICKR site where I have most of the pix from all the homebrew projects I have made in the last couple of years. lots and lots of pix of HOMEBREW!!!
http://www.flickr.com/photos/28064376@N06/sets/72157626479950650/

# 508. Lodestone Formers Group Purchase - CDG2000, Picastar, PA3AKE

Yahoo group: hamradiohomebrew
Date: 2011-04-13 12:43:20 UTC
From: patt896
Topic: 508  Message: 508

I am hosting another group purchase and will place an order with the
Lodestone Pacific California plant on 22 April.

Lodestone's manufacturing lead-time is now two weeks. MOQ is $50 USD for each
part or $25 USD each for more than one part.

If you are interested, I'll accept requests for any quantity of the L45-2, L45-6
and L45-10 formers under the following terms:

Please send your requirements and your ship-to address via e-mail to
me no later than 20 April.

Price for each former is $2.25 USD (cost)
Payment is via PayPal, due only when formers have been received from
plant and packages weighed and priced for exact shipment amount.

Shipment will be via US Postal Service; shipment price for up to 33
formers/one pound package is:
- Priority Mail (US domestic, $5.20 USD)
- Global Priority Mail (Canada & Mexico, $11.95 USD)
- Global Priority Mail (most others $13.95 USD)
- USPS International First Class Package Rates:
http://www.usps.com/prices/first-class-mail-international-prices.htm
- Actual cost for larger quantities or Global Express Mail as required

If you are participating in PA3AKE's new groupbuy as a "Backend Builder", please
let me know if you wish to receive the L45-6 formers directly from Martein in
order to save on postage.

PA3AKE's latest offering in receiver design and group purchase are at:

http://www.xs4all.nl/~martein/pa3ake/hmode/index.html

Richard Patten
Ponte Vedra Beach, FL 32082

# 509. FS: UHF converter

Yahoo group: hamradiohomebrew
Date: 2011-04-17 12:23:21 UTC
From: Bry Carling
Topic: 509  Message: 509

Hamtronics UHF Converter - designed for 800 MHz.

Input is via a PL-259 coaxial plug to the adapter
for Motorola plug on the front panel.
Output cable has a Motorola plug for use with older
type scanners but
it can easily be adapted to other type connectors.

Available for $4.00 pus shipping.

Picture and details at:

http://www.af4k.com/miscpart.htm

73 - Bry, AF4K

# 510. FS: 811 TUBES for $8.00

Yahoo group: hamradiohomebrew
Date: 2011-04-17 12:28:26 UTC
From: Bry Carling
Topic: 510  Message: 510

FOR SALE: FOUR 811 TUBES, three are 811A types.

Three RCA Tubes, One Cetron as follows:

QTY 2 X RCA 811A
QTY 1 X RCA 811
QTY 1 Cetron 811A

These are used tubes, but test good and still work.
They come in boxes with all the protective
material.

Will sell all four for $32.00 plus shipping

Picture and details will be at:

http://www.af4k.com/miscpart.htm#811A

73 - Brian, AF4K

# 511. Free toroids

Yahoo group: hamradiohomebrew
Date: 2011-04-30 17:42:11 UTC
From: Bry Carling
Topic: 511  Message: 511

OFFER - three large round torroid cores. Take all three - not one or two.
These are 2-/38" diameter new ferrite toroid cores....

Free for postage - first come, first served!

73 - Bry, AF4K

# 512. Reduced: Hallicrafters SX-101A Receiver

Yahoo group: hamradiohomebrew
Date: 2011-04-30 17:49:04 UTC
From: Bry Carling
Topic: 512  Message: 512

Reduced: HALLICRAFTERS SX101 AMATEUR BANDS RECEIVER

AM, CW and SSB coverage of the 80m through 10m ham bands with slide
rule dial.
Excellent - many extra features including noise blanker etc.
Designed for rack mount, and hence no cabinet with this one. One knob is
missing.

The main dial and knob are in good condition. It has been re-capped and is
in overall decent condition. Normally supplied with the calibrator but will sell
without to save someone money. Easily mounted in a standard rack cabinet
with front opening measurement of 19" width.

Let me make it cleart that this receiver normally came with the
100 kHz crystal calibrator.
Will sell without the calibrator for anyone who so desires, for an
even further reduced price, as shown bleow.

If left over, the calibrator will be available for $29.00 plus shipping.

SX101A Now available without calibrator for $75.00 plus shipping
SX101A with calibrator for $95.00 plus shipping

Picture and details at:
http://www.af4k.com/radios.htm

73 de AF4K - Bry Carling
Florida

"Beatings will continue until morale improves!"

# 513. FS: 20m mobile whip antenna

Yahoo group: hamradiohomebrew
Date: 2011-04-30 20:32:35 UTC
From: Bry Carling
Topic: 513  Message: 513

FOR SALE: PRO-AM 20m mobile whip antenna.
Really nice condition. Has a lot of fun operating life in it.
Uses standard 3/8" X 24 threads.

Available for local pickup in Cnetral Florida for $12.00
or will ship to you for $19.00 plus shipping.

Brian, AF4K

# 514. FS: Iso xfmr and parts

Yahoo group: hamradiohomebrew
Date: 2011-04-30 22:00:52 UTC
From: Bry Carling
Topic: 514  Message: 514

FOR SALE:

Isolation transformer 115V AC to 115V AC at 500 watts.
Also has taps for 10V, 14V and 22V. Conservatively rated.
With power on-off switch, cables and IEC adapters for receptacles.
Like new. Available for $25.00 plus shipping.

Crystal ovens - octal style, brand new 6.3V power needed. Hold two
type hc6u metal can crystals. Brand new. Picture available.
QTY 15 available for $5.00 each or buy ALL 15 for $50.00

Group of RF chokes:
QTY 12 of 0.5 mH rf chokes at 50 mA plus.
QTY 26 of 0.35 mH rf chokes at 50 mA plus.
These are all brand new with full length leads, great for homebrew
applications.

Group of antique radio dials 2 (they look like Johnson? Hallicrafters?)
and knobs 5 - again they are special, no doubt. Two are brand new,
rare knurled knobs made for those variable capacitors with the 3/8"
diameter shaft. Picture and details available on web site below.
Will sell this group for $20.00 plus shipping

TO-3 heat sink - like new. Hold a single TO-3 device such as a 2N3773
power transistor etc.
Finned aluminium heatsink with dimensions: 4-1/2" X 3-5/8" X 2-1/2"
Includes mounting hardware. Available for $1.00

QTY 10 crystals on 25.000 MHz - surface mount. Ears that are
easily soldered to with standard non-smd soldering equipment and
wires.
Will sell all 10 for $2.00 plus shipping

Box of new old stock silicon power transistors and hardware
All ne win packages, Includes:
SK3024, ECG175, 2N3053 (HEP), 1N645, a small audio transformer,
Six RCA 40511 power transistors in boxes. Also a 7.5V - 10 watt
zener diode, plus some electrolytic capacitors, resistors, a large
bag of mixed, new and used transistors, a box of 5 amp cartridge fuses,
two "F" connector high pass filters, etc. etc.
Entire box of goodies for $12.00 plus shipping.

I will post some of the pictures soon at:
http://www.af4k.com/miscpart.htm

First come, first served.

Thanks for reading,

73 de AF4K, Bry

# 517. FS: Pairs of 6L6 tubes

Yahoo group: hamradiohomebrew
Date: 2011-05-09 13:47:52 UTC
From: Bry Carling
Topic: 517  Message: 517

FOR SALE: Pairs of 6L6 tubes

1 - Pair of Sovtek 5881WXT (same as 6L6GB) tubes - also marked "Fender - clean, used and tested OK. This come in the boxes. They are like new pulls. $12.00 for the pair.

2 - Pair of used Raytheon 6L6GC tubes. Tested good. In boxes. $10.00 for the pair.

Shipping additional.

Thanks for looking & 73 de AF4K, Bry

# 518. FS: MFJ-40T Transmitter

Yahoo group: hamradiohomebrew
Date: 2011-05-12 02:13:16 UTC
From: Bry Carling
Topic: 518  Message: 518

For sale: MFJ-40T QRP Transmitter for 40m CW.

Has three crystal positions, and VFO input. 3-position switch selects
frequency source to the front socket or the two internal crystal sockets.
Uses standard FT243 crystals. Or plug in a VFO to the front panel phono
jack. 50 ohm output. Requires 9 to 12 V DC power.

Comes one 40m crystal and the operating info sheet plus schematic diagram.
Optional additional crystals available also.

Picture here:
http://www.af4k.com/imag/ham/343045.jpg

Available for $32.00 plus shipping

# 519. FS: Bag of 38 new RF chokes

Yahoo group: hamradiohomebrew
Date: 2011-05-12 10:47:53 UTC
From: Bry Carling
Topic: 519  Message: 519

FOR SALE:

Bag of 38 new PI-WOUND RF chokes.
QTY 12 are 1 mH with wire leads
QTY 26 are 0.5 mH with wire leads

All brand new - will sell the bag for $6.00 plus shipping.

73 de AF4K, Brian

# 520. REDUCED: Two 250 watt "Variacs"

Yahoo group: hamradiohomebrew
Date: 2011-05-12 11:05:52 UTC
From: Bry Carling
Topic: 520  Message: 520

REDUCED:

Two 250 watt variacs - Each designed for 0 - 250 V AC at 1 amp, 60 Hz.
Can be used at 120V AC also.

These are conservatively rated and can probably handle 1.5 to 2.0 Amps at 120V easily.
They are three terminal, open frame Powerstat variable transformers with 1/4" shaft.
One has a knob.

Now available for $22.00 each plus shipping

# 521. FS: Pair of 2E26 tubes and a 3B28

Yahoo group: hamradiohomebrew
Date: 2011-05-12 11:16:01 UTC
From: Bry Carling
Topic: 521  Message: 521

FOR SALE: Pair of 2E26 tubes and a 3B28

Like new, tested 2E26 tubes in great condition, working fine.
Fully tested. No boxes, so they may be used.
Will sell the pair for $6.00 plus shipping

Brand new 3B28 - new in box, $10.00 plus shipping
(these are going for $20.00 - $25.00 each on ePay)

Thanks for reading - 73 de AF4K, Brian

# 522. REDUCED MORE: POWERSTAT VARIACS

Yahoo group: hamradiohomebrew
Date: 2011-05-14 12:52:41 UTC
From: Bry Carling
Topic: 522  Message: 522

REDUCED EVEN MORE ( Next stop eBay)

Variable AC transformers. With front panels.

Two 250 watt "variacs" - Each designed for 0 - 250 V AC at 1 amp, 60 Hz.
Can be used at 120V AC also.

These are conservatively rated and can probably handle 1.5 to 2.0 Amps at 120V easily.
They are three terminal, open frame Powerstat variable transformers with 1/4" shaft.
One has a knob.

Now available for $15.00 each plus shipping

Next stop eBay if nobody wants them.

73 & thanks for looking - Bry, AF4K

# 523. FS: Midland 13-126 SWR Meter

Yahoo group: hamradiohomebrew
Date: 2011-05-19 01:41:23 UTC
From: Bry Carling
Topic: 523  Message: 523

For Sale: Midland 13-126 SWR Meter
This is the one one that we ALL used in the 1960s!
Rebuild your novice station just like the old days.

This one looks brand new - in the box. Similar to the one pictured here, only better:
Midland 13-126 SWR Meter Picture

Available for $25.00 plus shipping.

73 - Bry, AF4K

# 524. FS: QTY 24 X 3500 Ohm Power Resistors

Yahoo group: hamradiohomebrew
Date: 2011-05-19 23:02:53 UTC
From: Bry Carling
Topic: 524  Message: 524

FOR SALE: 3.5 kilohm, 25 watt power resistors.
Type L25J3K5 resistors "3500 ohms."

Quantity of 24 first quality OHMITE w.w. resistors with solder terminals.

Will sell all for $12.00 plus shipping.

73 de AF4K - Brian

# 525. FS: Slatboard Transmitter

Yahoo group: hamradiohomebrew
Date: 2011-05-19 23:17:08 UTC
From: Bry Carling
Topic: 525  Message: 525

FOR SALE: Slatboard Transmitter
Beautiful homebrew device built by WD4NKA. Uses hardwood and angle aluminum for a fine, compact chassis. Most parts in this are new.

Has silver mica capacitors, two large RF chokes. Nice ceramic 140 pF variable capacitor, two large RF chokes, 30 pF trimmer cap and a 3" diameter copper tank coil. Appears to be for a 6V6 or 6AG7 etc. - tube missing. Includes key terminals, (binding posts) - barrier strip marked for B+, Ground and filament power connections.

(Crystals and a Power Supply are available separately.)

Will sell for $25.00 plus shipping.

Send for pictures.

# 526. FS: Two tube type power supplies etc...

Yahoo group: hamradiohomebrew
Date: 2011-05-19 23:43:58 UTC
From: Bry Carling
Topic: 526  Message: 526

FOR SALE: Two tube type power supplies etc. etc.

POWER SUPPLY NUMBER ONE:
First is a homebuilt 117V AC, slat-board style station power supply, built by WD4NKA and appears to match the little transmitter mentioned earlier. It has a nice, large AC power transformer that willl supply way more power than needed for just the little transmitter. Secondaries are 750V c.t. at about 200 ma, 6.3V, 5V etc.
This is also slat board construction, with hardwood, and aluminum angle stock.
Has fuse, ON-OFF switch with knob, 6X5 rectifier, two VR tubes and two
40 uF at 450V DC Mallory FP style can capacitors.

Has barrier strip output terminals marked for B+, Filament and Ground.

Available for $25.00 plus shipping.

POWER SUPPLY NUMBER TWO:
117V AC primary, B plus and 6.3V AC supply. 445V c.t. AC at about 100 mA.
This is a commercial or surplus supply on a compact chassis. Suitable for QRP xmtr or for a use with receiver. It has two 20 uF at 350 WVDC can capacitors, and a 6X% rctifier plus a regulator tube.

Available for $19.00 plus shipping.

More power supply components:
TWO AEROVOX Electrolytic plug-in capacitors (Octal Sockets) each is 10+10+10 uF at 450 WVDC.
Will sell the pair for $5.00

High Voltage POWER SUPPLY Board. Has FIVE 100 uFD at 450V capacitors in series for 20 uF at 2250 WVDC, and also has balancing / bleeder resistor across each one - These are each 50 kilohms at 20 watts. All new parts mounted on a nice phenolic board with mounting hardware. Picture available on request.
Available for $16.00 plus shipping.

Coming soon - s0me antique knobs, dials, transmitting and receiving tubes etc.

73 & Thanks for looking!

Bry, AF4K

# 527. FS: Antenna Selector Switches from $3 to $30

Yahoo group: hamradiohomebrew
Date: 2011-05-21 21:34:38 UTC
From: Bry Carling
Topic: 527  Message: 527

FOR SALE: Antenna Selector Switches

1) Phasing switch used for selecting XMTR - AUX - HORIZONTAL - VERTICAL
Has four SO-239 connectors. Perhaps used with a Moonraker or similar
antenna. $5.00 plus shipping

2) OLSON 2-way coaxial antenna switch - with three SO-239 connectors for
ANT 1, ANT 2, and radio. Slide switch. Very good condition. $5.00 plus shipping

3) WATERS Coaxial Selector Switch with faceplate and mounting hardware.
This is a 5 position switch with SO-239 connectors and a grounding position to help
protect the antennas. Available for $20.00 plus shipping

4) WATERS 2-way Coaxial Selector Switch with faceplate. This is a 2 position switch
with FOUR SO-239 connectors (interestingly!). Available for $16.00 plus shipping

5) PACE 3-position coaxial switch. Model 5621 it is 1KW rated. Has 4 SO-239 connectors.
Available for $10.00 plus shipping

6) DOWKEY COAXIAL Antenna Selector Switch model DK78-2. Two positions with
faceplate. Ultimate in beautiful antenna switches. Excellent condition.
Built like a tank. Available for $30.00 plus shipping

7) Homebrew 2-way coaxial antenna switch - with three SO-239 connectors for
ANT 1, ANT 2, and radio. Rotary selector switch.Good condition. $3.00 plus shipping.

73 de AF4K - Bry

# 528. FS: Millen Grid Dip Meter $25

Yahoo group: hamradiohomebrew
Date: Unix timestamp -125585950122 [implausible archived timestamp]
From: Bry Carling
Topic: 528  Message: 528

FOR SALE: James Millen Co. 90651 Grid Dip Meter.
Looks almost like new. AC cord is slightly cracked and should be replaced.
Comes with one coil - for 6.4 to 16 Mc. band. Others missing.
Also has the manual.

Available for $25.00 plus shipping

73 - Bry, AF4K

# 529. FS: MISC PARTS - Radio Related

Yahoo group: hamradiohomebrew
Date: 2011-05-21 22:38:32 UTC
From: Bry Carling
Topic: 529  Message: 529

FOR SALE:

QTY 1 - 2500 ohm, 25 watt potentiometer TRU-OHM - wire wound - $5.00

QTY 2 - COMCO Octal crystal ovens for dual hc6u crystals, 12V - QTY 2 for $3.00 each

QTY 4 mini muffin fans about 1.5" square and 1/4" thick. 12V by TOYO for $1.00 each

QTY 1 Electroline EDA2800 distribution amplifier. F connectors. 1 input 8 outputs.
Covers 54 - 1000 MHz with 4 dB gain to all ports. Requires 15V DC at 270 mA.
QTY 1 available for $8.00 plus shipping.

These are good, tested used tubes.
QTY 1 GE 6997 VHF amplifier tube - $2.00
QTY 1 RCA 832A tube - looks new - $3.00
QTY 1 PHILCO Type 24 tube - $3.00
QTY 1 Cunningham C327 Tube - $2.00
QTY 1 RCA 5U4GB - $2.00
QTY 2 tubes, type 3B28 - $12.00 for the pair
QTY 2 tubes, type 2E26 - $4.00 for the pair

Bunch of electrolytic capacitors:
QTY 4 - 33 uF at 400V DC
QTY 1 - 1000 uF at 50V DC
QTY 1 - 220 uF at 63V DC
QTY 3 - 5500 uF at 40V DC
QTY 1 - 5800 uF at 40V DC
QTY 3 - 5500 uF at 25V DC
For all 13 capacitors (and I will add a few more) - $5.00 plus shipping

Midland SWR / Field Strength meter for hf, new in box - $22.00

Aluminum chassis - 10" X 5" X 3" has only one connector hole 1" diameter on end.
This is a nice traditional box chassis with bottom lip - QTY 1 only - $8.00

Ferrite rod coil - antenna with instructions, new old stock - $2.00

S-meter, edgewise, 0 to S9 + 30dB OLSON made in Japan - new in package for $2.00

New panel meter 0 - 500 mA DC. 2-3/4" wide, rectangular, requires a 1-5/8" hole.
Radio Shack 22-414 - QTY 1 only - $5.00

Shipping additional for all of the above. Combine items and save on shipping.

73 de AF4K, Bry

# 530. FS: Variable capacitors, crystal case

Yahoo group: hamradiohomebrew
Date: 2011-05-24 19:56:08 UTC
From: Bry Carling
Topic: 530  Message: 530

FOR SALE:

1) VARIABLE CAPACITOR, 75 pF + 75 pF dual gang at 2 KV
Ceramic frame. 1/4" shaft is 1-1/4" long. Dimensions: 2-3/4" X 2-1/4" X 4" long plus shaft.
QTY 1 available for $15.00 plus shipping.

2) EF Johnson VARIABLE CAPACITOR, 275 pF at 1 KV.
Ceramic frame. 1/4" shaft is 1" long. Dimensions: 1-1/2" X 1-1/2" X 3" long plus the shaft.
QTY 1 available for $15.00 plus shipping.

3) QTY 2 - Hammarlund VARIABLE CAPACITORS, type MT-100-GS 100 pF at 3 KV
Ceramic frame. 1/4" shaft is 1-1/4" long. Dimensions: 3" X 2-5/8" X 3-1/4" long plus the shaft.
QTY 2 available for $18.00 each plus shipping.

4) Hammarlund VARIABLE CAPACITOR, type MC-325M = 325 pF at 1 KV
Ceramic frame. 1/4" shaft is 3/4" long. Dimensions: 2" X 1-3/4" X 3-1/2" long plus the shaft.
QTY 1 available for $15.00 each plus shipping.

CRYSTAL CASE - Military Surplus Type BX40 - nice open tray shape so you can
see all of your crystals at once. Holds up to 120 Type FT243 crystals or similar types with 1/2" pin spacing. Nice condition, no damage or rust. Original olive green.
QTY 1 available for $25.00 plus shipping.

73 & thanks for looking - Bry, AF4K

# 531. FS: Original FT243 Crystals

Yahoo group: hamradiohomebrew
Date: 2011-05-25 01:31:56 UTC
From: Bry Carling
Topic: 531  Message: 531

FOR SALE:

160m, 80m, 40m, 20m, 6m, 2m original, old FT243 rocks... for CW and AM etc.

Several people have asked for the availability of some original amateur band FT243 Crystals.

I do have a limited number of these for 80m, 40m, 20m, 6m and 2m bands.

I have a few more to add yet on 40m - 6m - 2m but the rest are ready...
The list and buying buttons can be found at:

http://www.af4k.com/FT243_CRYSTALS_Originals.htm

73 de AF4K, Bry

# 532. FS: CR1A ham band crystals

Yahoo group: hamradiohomebrew
Date: 2011-05-27 21:03:11 UTC
From: Bry Carling
Topic: 532  Message: 532

FOR SALE:

QTY 6 type CR1A ham band crystals (rare) -
CR-1A/AR designation.

7028 kHz (QTY 2)

7039 kHz (QTY 3)

7128 kHz (QTY 1)

Available for $12.00 each plus shipping

As seen here:
http://farm6.static.flickr.com/5068/5645540051_50204276ec_b.jpg

Dimensions: CR-1A/AR - Crystal Unit 1-1/8" wide X 3/8" X 1-1/8" tall.
Pin spacing 1/2" and pin diameter 1/8" X 11/16" long
Used in a variety of military radios,
Overall Size: 1.125" wide X 0.375" X 1.125" high.
Pin spacing 0.5" and pin diameter is 0.125" X 1.0625" long

Thanks for looking - 73 & good DX!

Bry, AF4K

# 533. FS: Tube type preamp with tone controls

Yahoo group: hamradiohomebrew
Date: 2011-05-27 21:20:47 UTC
From: Bry Carling
Topic: 533  Message: 533

FOR SALE: Tube type preamp / tone controls.

Here is a cool "signal processor" of sorts.

It has those screw-on coaxial mono audio connectors of yore, usually used for mic level signals.

Has two tubes, 6SQ7 and 6SN7. Two Allen Bradley pots with black "chicken head knobs" for bass and treble cut-boost, and has beautiful construction using cloth-covered wire. No AC supply on board but DOES have a dual 20 uF + 20 uF at 450V DC can capacitor. Requires about 250V DC at 25 mA and 6.2V AC at 1A. Includes numerous capacitors and carbon composition resistors.

Small aluminum chassis dimensions: 6.5" X 5.5" X 1" tall.
Overall 4" tall with parts. Pictures available on request.

Available for $15.00 plus shipping.

Thanks & 73 de AF4K, Bry

# 534. FS: Box of new heavy-duty switches

Yahoo group: hamradiohomebrew
Date: 2011-05-29 20:06:19 UTC
From: Bry Carling
Topic: 534  Message: 534

FOR SALE: Box of new heavy-duty switches

These are American made heavy duty switches. Mostly new - there are about 12 momentary switches with 4 pole two positions (center off.) Some other 2 pole and 4 pole switches. On large SPST switch - some DPDT fixed and momentary switches. Some of these are momentary, some fixed, and some are rocker switches. Most mount with either 3/8" bushing or two #6 screws. It's a nice assortment. One large ceramic two pole 3-position, dual contacts KW-class rotary switch. Total of 24 switches in the box for $20.00 plus shipping.

73 - Bry, AF4K

# 535. FS: PS Chokes

Yahoo group: hamradiohomebrew
Date: 2011-06-02 18:41:46 UTC
From: Bry Carling
Topic: 535  Message: 535

For Sale: Power Supply Chokes

1) QTY 1 - 4.5 H at 445 mA and 39 ohms DC resistance
G.E. Dimensions are 5" X 3.5" X 4.5" tall, potted
Available for $10.00

2) QTY 1 - 12H at 150 mA and 230 ohms DC resistance,
STANCOR Dimensions are 3.5" X 2.5" X 2.5" tall, upright type
Available for $8.00

3) QTY 1 - 8H at 150 mA and 150 ohms DC resistance, looks same as
the Stancor Dimensions are 3.5" X 2.5" X 2.5" tall, upright type
Available for $8.00

4) QTY 1 - 20 H at 45 mA and 308 ohms DC resistance, potted.
Military gray, nice. Dimensions 2.25" X 2" X 3" tall.
Available for $6.00

5) QTY 1 - 2H at 50 mA and 60 ohms DC resistance. Upright type
Dimensions 2.25" X 1.5" X 2" tall.
Available for $4.00

Take all of the above and save majorly on shipping costs.
Pictures available on request.

73 & thanks for looking.
Bry Carling, AF4K

# 537. FS: Group of Power Potentiometers

Yahoo group: hamradiohomebrew
Date: 2011-06-06 23:04:09 UTC
From: Bry Carling
Topic: 537  Message: 537

FOR SALE: Box of (8) new Power Potentiometers - all ceramic frame USA manufacture.

1) TRU OHM Type R-75, New. This is a 25 Ohm Rotary Variable Resistor, New
Rated for 1.73 Amps and a maximum of 75 watts.

2) OHMITE, Skokie, IL - QYTY 1 - New, 100 oHMs at 50 watts.

3) QTY 2 OHMITE, Skokie, IL - 1.8 Ohms at 8.5 Amps maximum.
Maximum continuous power of 75 Watts.

4) QTY 3 - OHMITE, Skokie, IL - 125 ohms at 25 watts.

5) QTY 1 - OHMITE, Skokie, IL - 10 ohms at 25 watts.

Will not sell individually - just the whole box...
Available for $16.00 plus $6.00 for USA shipping

73 & thanks for looking - Bry, AF4K

# 538. ANYONE HERE?

Yahoo group: hamradiohomebrew
Date: 2011-06-07 12:48:55 UTC
From: Bry Carling
Topic: 538  Message: 538

ANYONE HERE STILL?

# 539. Re: ANYONE HERE?

Yahoo group: hamradiohomebrew
Date: 2011-06-07 12:55:41 UTC
From: M K
Topic: 538  Message: 539

Nobody here but us chickens....;)

# 540. Re: [hamradiohomebrew] ANYONE HERE?

Yahoo group: hamradiohomebrew
Date: 2011-06-07 14:20:31 UTC
From: Russell Shaw
Topic: 538  Message: 540

On 07/06/11 22:48, Bry Carling wrote:
>
>
> ANYONE HERE STILL?

think so;)

# 541. FS: Package of new RF Chokes

Yahoo group: hamradiohomebrew
Date: 2011-06-09 13:14:44 UTC
From: Bry Carling
Topic: 541  Message: 541

FOR SALE: Package of new RF Chokes

Includes a total of 12 parts:

QTY 2 - National R-100 choke - 2.5 mH at 125 mA
QTY 1 - National R-50 choke - 1 mH at 75 mA
QTY 4 - National R-33 choke - 100 uH at 75 mA
QTY 5 - New unbranded RFC 2.5 mH at 125 mA, nice

Will sell all twelve parts for $32.00 plus shipping

# 542. Activity?

Yahoo group: hamradiohomebrew
Date: 2011-06-12 23:24:36 UTC
From: Bob
Topic: 542  Message: 542

Does anyone other than me homebrew ham radios?

Bob Macklin
Seattle, Wa.

# 543. Re: [hamradiohomebrew] Activity?

Yahoo group: hamradiohomebrew
Date: 2011-06-13 02:33:36 UTC
From: Russell Shaw
Topic: 542  Message: 543

On 13/06/11 09:24, Bob wrote:
> Does anyone other than me homebrew ham radios?

I would if i finished the software stuff i've been doing for a while.

# 544. Re: [hamradiohomebrew] Activity?

Yahoo group: hamradiohomebrew
Date: 2011-06-13 15:03:59 UTC
From: Dave Springer
Topic: 542  Message: 544

I try to when I have a little spare time.

--- On Sun, 6/12/11, Bob <rottenrobbie0@...> wrote:

From: Bob <rottenrobbie0@...>
Subject: [hamradiohomebrew] Activity?
To: hamradiohomebrew@yahoogroups.com
Date: Sunday, June 12, 2011, 3:24 PM

Does anyone other than me homebrew ham radios?

Bob Macklin
Seattle, Wa.

# 545. Re: [hamradiohomebrew] Activity?

Yahoo group: hamradiohomebrew
Date: 2011-06-15 05:07:50 UTC
From: Gene Arnold
Topic: 542  Message: 545

Hi Bob,

Yes, I am still active homebrewing.  I built a qrp station and entered it into W8BI (DARA) homebrew
night at the last club meeting.  I won 1st place with a SDR design.  I still have Tony Parks Softrock
transceivers to complete, Genesis Radio  plus several of my own design.
There is not much activity on this group so maybe the two of us can start something.
What is your interest?  Are you working on anything at this time.
Let's drum up some more interest and get this group going.

Gene Arnold/AD8MW

From: Bob <rottenrobbie0@yahoo.com>
To: hamradiohomebrew@yahoogroups.com
Sent: Sunday, June 12, 2011 7:24 PM
Subject: [hamradiohomebrew] Activity?

Does anyone other than me homebrew ham radios?

Bob Macklin
Seattle, Wa.

# 546. Re: [hamradiohomebrew] Activity?

Yahoo group: hamradiohomebrew
Date: 2011-06-15 05:52:17 UTC
From: Rotten Robbie
Topic: 542  Message: 546

Hi Gene,

I've got several projects started. I want to convert a 11M CB to 10M ham operation.

I've also been looking at making an I/Q interface to go between GC receivers and a computer. There are 1836 crystals and oscillators available. Divide 1836 by 4 gives you 459KC. That's close enough to connect to the mixer of any 455KC IF GC radio.

I've also found an interesting single chip PLL that requires no off chip filter. I want to do some testing with it.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

----- Original Message -----
From: Gene Arnold
To: hamradiohomebrew@yahoogroups.com
Sent: Tuesday, June 14, 2011 10:07 PM
Subject: Re: [hamradiohomebrew] Activity?

Hi Bob,

Yes, I am still active homebrewing. I built a qrp station and entered it into W8BI (DARA) homebrew
night at the last club meeting. I won 1st place with a SDR design. I still have Tony Parks Softrock
transceivers to complete, Genesis Radio plus several of my own design.
There is not much activity on this group so maybe the two of us can start something.
What is your interest? Are you working on anything at this time.
Let's drum up some more interest and get this group going.

Gene Arnold/AD8MW

From: Bob <rottenrobbie0@yahoo.com>
To: hamradiohomebrew@yahoogroups.com
Sent: Sunday, June 12, 2011 7:24 PM
Subject: [hamradiohomebrew] Activity?

Does anyone other than me homebrew ham radios?

Bob Macklin
Seattle, Wa.

# 547. RE: [hamradiohomebrew] Activity?

Yahoo group: hamradiohomebrew
Date: 2011-06-15 14:24:51 UTC
From: jim burns
Topic: 542  Message: 547

Hi guys !

Licensed in 1967 but inactive for many years. Interested in homebrew and QRP. Need to get into the shop and melt some solder. Interested in converting CB to 10M also. Any CB out there that is easily converted?

Jim, WB4ILP

_____

From: hamradiohomebrew@yahoogroups.com [mailto:hamradiohomebrew@yahoogroups.com] On Behalf Of Rotten Robbie
Sent: Wednesday, June 15, 2011 1:52 AM
To: hamradiohomebrew@yahoogroups.com
Subject: Re: [hamradiohomebrew] Activity?

☐

Hi Gene,

I've got several projects started. I want to convert a 11M CB to 10M ham operation.

I've also been looking at making an I/Q interface to go between GC receivers and a computer. There are 1836 crystals and oscillators available. Divide 1836 by 4 gives you 459KC. That's close enough to connect to the mixer of any 455KC IF GC radio.

I've also found an interesting single chip PLL that requires no off chip filter. I want to do some testing with it.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

----- Original Message -----

From: Gene Arnold <mailto:kd8mw@...>

To: hamradiohomebrew@yahoogroups.com

Sent: Tuesday, June 14, 2011 10:07 PM

Subject: Re: [hamradiohomebrew] Activity?

Hi Bob,

Yes, I am still active homebrewing. I built a qrp station and entered it into W8BI (DARA) homebrew

night at the last club meeting. I won 1st place with a SDR design. I still have Tony Parks Softrock

transceivers to complete, Genesis Radio plus several of my own design.

There is not much activity on this group so maybe the two of us can start something.

What is your interest? Are you working on anything at this time.

Let's drum up some more interest and get this group going.

Gene Arnold/AD8MW

From: Bob <rottenrobbie0@...>
To: hamradiohomebrew@yahoogroups.com
Sent: Sunday, June 12, 2011 7:24 PM
Subject: [hamradiohomebrew] Activity?

Does anyone other than me homebrew ham radios?

Bob Macklin
Seattle, Wa.

# 548. Re: [hamradiohomebrew] Activity?

Yahoo group: hamradiohomebrew
Date: 2011-06-15 14:48:04 UTC
From: Rotten Robbie
Topic: 542  Message: 548

There is a CB to HAM group on Yahoo. I bought a Galaxy 959 because the documentation is available and it has a frequency readout.

There is also a book on CB to Ham conversions. You can change one crystal and get 40 channels on 10M. But there are still problems with it. The guy that sells the book also sells a small PCB to add 4 crystals to get more coverage.

I am going to replace the channel switch with an encoder to get 50 10KHz channels per crystal position. I plan to make mine tune the full 28MHz to 30MHz with 4 crystals. This requires understanding how the PLL works.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: jim burns
To: hamradiohomebrew@yahoogroups.com
Sent: Wednesday, June 15, 2011 7:24 AM
Subject: RE: [hamradiohomebrew] Activity?

Hi guys !

Licensed in 1967 but inactive for many years. Interested in homebrew and QRP. Need to get into the shop and melt some solder. Interested in converting CB to 10M also. Any CB out there that is easily converted?

Jim, WB4ILP

---

From: hamradiohomebrew@yahoogroups.com [mailto:hamradiohomebrew@yahoogroups.com] On Behalf Of Rotten Robbie
Sent: Wednesday, June 15, 2011 1:52 AM
To: hamradiohomebrew@yahoogroups.com
Subject: Re: [hamradiohomebrew] Activity?

☐

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I've also been looking at making an I/Q interface to go between GC receivers and a computer. There are 1836 crystals and oscillators available. Divide 1836 by 4 gives you 459KC. That's close enough to connect to the mixer of any 455KC IF GC radio.

I've also found an interesting single chip PLL that requires no off chip filter. I want to do some testing with it.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

----- Original Message -----

From: Gene Arnold

To: hamradiohomebrew@yahoogroups.com

Sent: Tuesday, June 14, 2011 10:07 PM

Subject: Re: [hamradiohomebrew] Activity?

Hi Bob,

Yes, I am still active homebrewing. I built a qrp station and entered it into W8BI (DARA) homebrew

night at the last club meeting. I won 1st place with a SDR design. I still have Tony Parks Softrock

transceivers to complete, Genesis Radio plus several of my own design.

There is not much activity on this group so maybe the two of us can start something.

What is your interest? Are you working on anything at this time.

Let's drum up some more interest and get this group going.

Gene Arnold/AD8MW

From: Bob <rottenrobbie0@...>
To: hamradiohomebrew@yahoogroups.com
Sent: Sunday, June 12, 2011 7:24 PM
Subject: [hamradiohomebrew] Activity?

Does anyone other than me homebrew ham radios?

Bob Macklin
Seattle, Wa.

# 549. Re: [hamradiohomebrew] Activity?

Yahoo group: hamradiohomebrew
Date: 2011-06-16 02:10:18 UTC
From: Gene Arnold
Topic: 542  Message: 549

Hi Bob,
I started to convert a CB to 10M at one time but I put it aside after I found a RS 10M tramsceiver.  I am now waiting  for an opening.  The I/Q interface is something nice to have.  I have not
done any digital work.  QST, March 2011 had a Digital VOX Sound Card Interface article that I want to build.  I look very simple.
What is the number for the PLL  chip?  I picked up some VCOs off Ebay  last week.  They will go up to 60 MHZ.  I plan to breadboard one in a couple of days.  Tomorrow, I plan to breadboard  a huff puff circuit I hope to use in my next homebuilt radio.  I'll post the results.

Gene/AD8MW

From: Rotten Robbie <rottenrobbie0@...>
To: hamradiohomebrew@yahoogroups.com
Sent: Wednesday, June 15, 2011 1:52 AM
Subject: Re: [hamradiohomebrew] Activity?

☐
Hi Gene,

I've got several projects started. I want to convert a 11M CB
to 10M ham operation.

I've also been looking at making an I/Q interface to go
between GC receivers and a computer. There are 1836 crystals and oscillators
available. Divide 1836 by 4 gives you 459KC. That's close enough to connect to
the mixer of any 455KC IF GC radio.

I've also found an interesting single chip PLL that requires
no off chip filter. I want to do some testing with it.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In
The Dark"

----- Original Message -----
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>To: hamradiohomebrew@yahoogroups.com
>Sent: Tuesday, June 14, 2011 10:07 PM
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>Hi Bob,
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>Yes, I am still active homebrewing.  I built a qrp station and entered it into W8BI (DARA) homebrew
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>
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>
>Bob
Macklin
>Seattle, Wa.
>
>
>
>

# 550. REDUCED: Midland SWR / Power Meter

Yahoo group: hamradiohomebrew
Date: 2011-06-20 12:37:10 UTC
From: Bry Carling
Topic: 550  Message: 550

For Sale: Midland 13-126 SWR Meter

Gives accurate SWR readingsand relative FWD/REF power readings on
any 50 ohm antenna system using two standard SO239 connectors.

This is the one one that we ALL used in the 1960s! Rebuild your novice station just like the old days.

This one looks brand new and comes with the original box. Similar to the one pictured here, only better:

http://www.mudman98.com/Maintenance/SWR/SWR2.JPG

Available for $22.00 plus shipping.

73 - Bry, AF4K

# 551. FS: NOS Variable Capacitors

Yahoo group: hamradiohomebrew
Date: 2011-06-22 11:02:52 UTC
From: Bry Carling
Topic: 551  Message: 551

FOR SALE: Two Hammarlund NOS antique variable caps

One in lovely orange box - type HC-10 "For Better Radio."
"Hammarlund Manufacturing Co. Precision Products."

One is a 10 pF variable, and the other is a 27 pF variable.
Both have standard 1/4 inch shaft about 3/4 inch long.
Standard 3/8" bushing with nut.

Will sell these for $12.00 each or $20.00 for the pair plus shipping

--
Regards - Bry, AF4K
"Stay thirsty, my friends!"

# 552. REDUCED: Group of Six Military radio ham band crystals

Yahoo group: hamradiohomebrew
Date: 2011-06-22 11:14:35 UTC
From: Bry Carling
Topic: 552  Message: 552

REDUCED:

GROUP OF USAF military aircraft crystals for 40m amateur band.
Most are marked "862nd USAF"

QTY 6 type CR-1A/AR same as HC-11/U crystals (rare) -

7028 kHz  (QTY 2)

7039 kHz (QTY 3)

7128 kHz  (QTY 1)

Will sell the whole group for $36.00 plus shipping

Similar to picture seen here:
http://farm6.static.flickr.com/5068/5645540051_50204276ec_b.jpg

Dimensions: CR-1A/AR - Crystal Unit 1-1/8" wide X 3/8" X 1-1/8" tall.
Pin spacing 1/2" and pin diameter 1/8" X 11/16" long
Used in a variety of military radios,
Overall Size: 1.125" wide X 0.375" X 1.125" high.
Pin spacing 0.5" and pin diameter is 0.125" X 1.0625" long

Thanks for looking - 73 & good DX!

Bry, AF4K

# 553. FS: LACING CORD

Yahoo group: hamradiohomebrew
Date: 2011-06-22 11:23:37 UTC
From: Bry Carling
Topic: 553  Message: 553

FOR SALE LACING CORD - new old stock military style nylon braided
cord for making or repairing traditional wiring harnesses.

I have three spools left. Each is 500 yards and made by Gudebrod of Pottstown, PA
All are natural finish. Cream colour.

QTY 3 available for $10.00 each plus shipping

73 - AF4K, Bry Carling
Florida

http://www.af4k.com

# 554. FS: UTC, TRIAD and STANCOR Transformers and chokes

Yahoo group: hamradiohomebrew
Date: 2011-06-28 16:57:50 UTC
From: Bry Carling
Topic: 554  Message: 554

FOR SALE: Transformers and Chokes - most of these are new and
a few are nearly new.

Data for most of these is readily available on the internet.

STANCOR P-8356 Power Transformer - PRI 117V AC 60 Cy. black,
upright, nice end bells.
SEC1: 270 - 0 - 270 V AC at 260 mA (540V C.T.)
SEC 2: 5.0 V at 3.0 A
SEC 3: 6.3V at 8.8 A
Like new, posssibly used a little.
Available for $25.00 plus shipping

TRIAD R_56A Power Transformer - Pri; 117V AC 60 CPS
SEC 1: 130V at 20 mA
SEC 2: 30.0V at 0.6A
SEC 3: 22.5V at 0.6A
SEC 4: 15.0 V at 0.6A
(sec 2,3,4 are common) good, used. Nice gray end bells.
Available for $10.00 plus shipping

ALL of the following UTC items are new, old stock - unused
items:

United Transformer Corp. UTC HA114
Gray, potted pp low level plate to multiple line PRI: 30k p-p
at 1mA, unbal DC,
SEC: 50, 125/150, 200/250, 333, 500/600 ohms RESP: 30Hz -
40kHz +23dBm max.
Available for $15.00 plus shipping

United Transformer Corp. UTC HC117
Gray, potted - rare 60H at 15 mA with humbucking coil.
QTY 1 available for $8.00 plus shipping

Application Primary Imp. Unbal DC Sec. Imp. Response 2
db (Hz) Pri. Res. Max
dbm Max Mw

United Transformer Corp. UTC A12 - Quantity 2

Gray, potted A12 Low Imp. to PP Grid 50,125/150,
200/250 333,500/600 0 80,000 Split 20-20,000 60 +15
30
A12 Available for $15.00 EACH plus shipping

United Transformer Corp. UTC A16

Application Primary Imp. Unbal DC Sec. Imp. Response 2
db (Hz) Pri. Res. Max dbm Max Mw

Black, potted Plate to Grid 15,000 0 80,000 20-
20,000 800 +15 30
Available for $15.00 plus shipping

United Transformer Corp. UTC A18
Gray, potted - Single or PP Plates to PP Grids 15,000 Split
0 80,000 Split 20-20,000 1040 +15 30
Available for $15.00 plus shipping

United Transformer Corp. UTC A25
Gray, potted Plate to Line 15,000 8 50,125/150,
200/250,333,
500/600 40-20,000 1580 +15 30
QTY 1 Available for $9.00 plus shipping

United Transformer Corp. UTC A30
Black, potted - data shows as inductor yet has 5 terminals
"450 hy/0ma, 250hy@5ma/6000-
ohms, 65hy/10ma/1500-ohms"
Available for $8.00 plus shipping

INPUT TRANFORMERS:
United Transformer Corp. P-7 - Quantity 3
Octal type - Available for $12.00 EACH plus shipping

United Transformer Corp. P-12
Octal type - Available for $12.00 plus shipping

United Transformer Corp. P-13
Octal type - Available for $12.00 plus shipping

United Transformer Corp. Type O-4
Interstage plate to grid - 15k TO 60k ohms. 30 hZ - 20 KhZ
Available for $15.00 plus shipping

United Transformer Corp. Type O-7
Interstage Plate to P-P grids 15K to 90K ohms ct. 200 Hz - 10
kHz
Available for $8.00 plus shipping

United Transformer Corp. Type O-13
50H - 300H choke.
Available for $5.00 plus shipping

More coming soon.

73 - Bry, AF4K

REF:
http://www.eisenaudio.com/diy500/datasheets/ipxfmrs/utc-
ouncer.jpg

http://www.bunkerofdoom.com/xfm/UTCCHART/utc_DATA.pdf

# 555. FS: WW2 Military Surplus crystal case

Yahoo group: hamradiohomebrew
Date: 2011-06-30 19:18:14 UTC
From: Bry Carling
Topic: 555  Message: 555

FOR SALE:

WW2-era Military Surplus crystal case, type BX40

Holds 120 type FT243 crystals. Great for storing your collection.

Excellent condition. Photo and details here:

http://www.af4k.com/miscpart.htm

73 & thanks for looking - Bry, AF4K

# 556. FS: Crystal ovens

Yahoo group: hamradiohomebrew
Date: 2011-07-02 14:49:45 UTC
From: Bry Carling
Topic: 556  Message: 556

FOR SALE: CRYSTAL OVENS

QTY 2 -  COMCO Octal OCTAL plug-in type crystal ovens. These are made to hold
TWO hc6u crystals, and include retakner hardware 12 Volt operation.
QTY 2 available for $3.00 each

Shipping additional

I have some other crystal ovens here somewhere. Will hunt for them if anyone is interested.

73 - Bry, AF4K

# 557. FS: 160m, 80m, 40m crystals $5.00 each

Yahoo group: hamradiohomebrew
Date: 2011-07-15 18:22:11 UTC
From: Bry Carling
Topic: 557  Message: 557

FOR SALE: Amateur Band hc6/u crystals for sale
QUANTITY 42 as follows:

1800 kHz

1801 kHz (QTY 2)

1835 kHz

1843 kHz

1848.8 kHz

1942 kHz (QTY 4)

3742 kHz (QTY 8)

7000 kHz (QTY 5)

7005 kHz

7050 kHz

7072.2 kHz (QTY 2)

7094.4 kHz (QTY 3)

7095 kHz (QTY 5)

7150 kHz (QTY 2)

7155.5 kHz

7163 kHz

7180 kHz

7184 kHz

7189 kHz

These are each available for $5.00 per crystal, plus shipping.
(check or money order)

Or buy all 42 of these crystals for $125.00 plus shipping.

73 - Brian Carling, AF4K

# 558. FS: Some 3.5 MHz band BC610 crystals

Yahoo group: hamradiohomebrew
Date: 2011-07-23 12:46:24 UTC
From: Bry Carling
Topic: 558  Message: 558

FOR SALE: Group of Three 3.5 MHz band U.S. Signal Corps BC610 crystals

These are the large FT171-B crystals with a handle on the top, as used in the BC610 and T368 transmitters etc.

3510 KC
3580 KC
3870 KC

Available for $19.00 each or will sell the group of three for $39.00

Shipping additional

73 - Brian, AF4K

# 559. FS: Variable 0 - 15V DC power supply

Yahoo group: hamradiohomebrew
Date: 2011-07-23 14:45:49 UTC
From: Bry Carling
Topic: 559  Message: 559

FOR SALE: POWER ONE Variable 0 - 15V DC power supply at 1.5 Amps.
New in box.

Has primaries for 110 - 120V AC, or 220 - 240V AC. Documentation included.

QTY 1 available for $15.00 plus shipping

73 - Bry, AF4K

# 560. FS: Box of 70 Precision Resistors

Yahoo group: hamradiohomebrew
Date: 2011-07-24 01:43:14 UTC
From: Bry Carling
Topic: 560  Message: 560

FOR SALE: Box of 70 Precision Wirewound Resistors, NOS.

Most are made by Shallcross Electronics of Collingdale, PA and a few from IRC and Bond Electronics of Summit, NJ etc. Most of these are 1% or better.
Examples: 3.3K, 4.0K, 5.0 K, 6.25K, 23.75K, 50K, 64K, 100K, 130K, 450K, 500K, 900K, 2.0 Megohms, 2.5 Megohms, 4.8 Megohms.

Will sell the whole box of resistors for $30.00 plus shipping.

73 - Brian, AF4K

# 561. Crystals FS

Yahoo group: hamradiohomebrew
Date: 2011-07-26 15:28:36 UTC
From: Ken Simpson, W8EK
Topic: 561  Message: 561

Crystals For Sale:

FT-243, HC-6, etc.:

FT-243 Crystals for 40, 20, 15, and 10 meter ham bands

Crystals can be used at fundamental, or multiplied for
20, 15, or 10 meters. E.g. the 7081 could be used at 7081,
14162, 21243, or 28324 KHz.

7094 (HC-6), 7174 (HC-6), 7175, 7186, 7189, 7198.5 (HC-6),
7200 (HC-6), 7200, 7207, 7225, 7236.2 (HC-6), 7248,
7261, 7283.33 (HC-6), 7325, 7375, 7395, 7400, 7404, 7410,

HC-6 Crystals
These may be used as heterodyning crystals in many
Collins, Drake, Heath, Yaesu, and other rigs.
Freq of crystal in MHz.
7.98, 12.0, 15.0, 16.0, 30.75, 32.5, 39.0, 42.7,
44.5, 46.0, 46.7, 49.9, 51.1,

All crystals above are $8 each.

Crystals for 2 meter ham rigs For Sale:

Does anyone have an older two meter ham rig and need crystals?

Maybe I can help. I have some 2 meter crystals available -- both
transmit and receive. Most are in the 146 and 147 MHz band segments,
with very, very few in the 145 MHz segment, and none in the 144 MHz
segment. These are for ham rigs only, and not commercial rigs.

These are all the small HC-25 crystals, like are used in most of the
solid state 2 meter mobiles and HTs. Please e-mail the operating
frequency you need. I have them listed by operating frequency and rig,
and not by actual xtal frequency. Send the frequencies you need
(transmit or receive), and the rig that you have, and I will see if
I can help. I have cross references for the various rigs, so I will
know what you need if you give the rig. These crystals are $6 each.

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

# 562. Reduced: Box of Precision Wirewound Resistors

Yahoo group: hamradiohomebrew
Date: 2011-07-27 22:05:23 UTC
From: Bry Carling
Topic: 562  Message: 562

REDUCED: Box of 70 Precision Wirewound Resistors, NOS.

Most are made by Shallcross Electronics of Collingdale, PA and a few from IRC and Bond Electronics of Summit, NJ etc. Most of these are 1% or better.
Examples: 3.3K, 4.0K, 5.0 K, 6.25K, 23.75K, 50K, 64K, 100K, 130K, 450K, 500K, 900K, 2.0 Megohms, 2.5 Megohms, 4.8 Megohms.
Was $30.00

Will sell the whole box of resistors for $18.00 plus shipping.

73 - Brian, AF4K

# 563. Bench Power Supply FS

Yahoo group: hamradiohomebrew
Date: 2011-07-30 19:40:16 UTC
From: Ken Simpson, W8EK
Topic: 563  Message: 563

Ideal Bench Power Supply For Sale:

Heath IP-27 DC power supply:

This is the ideal bench power supply. It has a large meter
which can be switched to read voltage or current, and is
capable of up to 50 V DC at up to 1 1/2 amps of current,
which means it is great for the bench or homebrew projects.

The IP-27 is set up in 5 volt ranges (0 to 5 V, 5 to 10 V,
etc), with a bit of overlap on the ranges, and then has a
pot to set the fine voltage. Heath used a neat design,
where the power transformer has many taps, and is
switched as one changes ranges, keeping heat
and power dissipation to a minimum. The current
limit has 4 ranges (50, 150, 500 ma, and 1.5 amps),
with a pot to set the fine adjustment.

This one works great, and looks fine also.
With paper work for $85.

Also For Sale:

Heath HM-2102 VHF Wattmeter:

Heath HM-2102 VHF wattmeter, covering 50 to 160 MHz.
Similar to the HM-102, but for VHF frequencies, with 250
and 25 watt scales. It can also be used to check SWR, and
has a remote sensor that can either be left inside the
meter, or separated from the actual meter. SO-239
connectors in and out.

This particular meter works great. It looks very close to
perfect with no defects that I can find.

Paper work included for $50.

Prices do not include shipping from Florida.

I also have many other accessories available such as many
different types of microphones, HTs, HF, VHF and UHF rigs, HF
and VHF/UHF antennas, etc.
Just too many to list here. Please e-mail your requests.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

# 564. Kepco Bench Type Power Supplies FS

Yahoo group: hamradiohomebrew
Date: 2011-08-01 23:58:15 UTC
From: Ken Simpson, W8EK
Topic: 564  Message: 564

Kepco Bench Type Power Supplies For Sale:

Kepco CK 18-3 Bench Power Supply:

This power supply is a Kepco Model CK 18-3, which means
that it will produce up to 18 V DC at up to 3 amps. This is
an ideal bench power supply!

The voltage is adjustable with a 10 turn pot from close to zero,
up to almost 20 volts. There is a fairly large analog meter that
reads the voltage. Built in current limiting is adjustable with
a 10 turn pot from a few ma to up to about 3 amps. A separate
meter reads the current, so both voltage and current can be read
at the same time. Also, there are connections on the back to
allow remote sensing and remote programming. This is a quality
regulated power supply!

This particular unit works 100%, and looks extremely nice.

These are going for $190 to $200 (plus shipping) in this
condition on that e place. Buy this one for $160.

Kepco Model ABC 40-0.5 Bench Power Supply:

This power supply is a Kepco Model ABC 40-0.5, which means
that it will produce up to 40 V DC at up to 1/2 amp. This is
an ideal bench power supply.

The voltage is adjustable with a 10 turn pot from close to zero,
up to about 40 volts. There is a fairly large analog meter that
reads the voltage. There is also current limiting built in that
is adjustable from about 100 ma to up to about 700 ma. The same
meter that reads voltage can be switched to read current, or
short circuit current (the point that the current limit is set).
In addition, there are connections on the back to allow remote
sensing and remote programming. This is a quality regulated
power supply!

This particular unit works 100%, and looks extremely nice.

These are going for $125 to $150 (plus shipping) in this
condition on that e place. Buy this one for $90.

Prices do not include shipping from Florida.

I also have many other accessories available such as many
different types of microphones, HTs, HF, VHF and UHF rigs, HF
and VHF/UHF antennas, etc.

Just too many to list here. Please e-mail your requests.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

# 565. FS: Antique radio parts and accessories

Yahoo group: hamradiohomebrew
Date: 2011-08-10 11:30:34 UTC
From: Bry Carling
Topic: 565  Message: 565

FOR SALE: Collection of 38 antique radio dials, knobs and escutcheon scale plates etc.
Includes two large dials for the amateur bands, Some Collins style knobs,
black fluted knobs, chicken head knobs, a large bakelite 0 - 100 knob etc. etc.
Picture on request.
Will sell all for $25.00 plus shipping.

REDUCED: Midland SWR / Field Strength Meter - new in box.
New old stock HF swr meter in perfect condition, shows
relative power and SWR. Also a useful field strength meter for antenna
measurements. A great nostaligia piece too, for those reconstructing their
1960s novice station. Picture on request.
Now available for $15.00 plus shipping

FOR SALE: Box of 30 RF chokes. This assortment includes several 2.5 mH chokes
and others handy for building RF circuits. Two boxes of these available. Picture on
request.
Will sell these for $15.00 plus $6.00 shipping.

FOR SALE: Group of three 40m crystals, type hc6u
Frequencies - 7050, 7072, 7094 kHz
Will sell this group for $19.00 plus shipping

FOR SALE: Group of three 160m crystals, type hc6u
Frequencies - 1801, 1843, 1942 kHz
Will sell this group for $19.00 plus shipping

FOR SALE: Two Drake crystals, type hc6u
Frequencies 24.600 MHz and 31.600 MHz
Will sell this group for $19.00 plus shipping

Thanks for looking & 73 - Bry, AF4K

# 566. FS: 7 HF Power MOSFETS

Yahoo group: hamradiohomebrew
Date: 2011-08-14 17:41:44 UTC
From: Bry Carling
Topic: 566  Message: 566

FOR SALE:
Quantity 7 new IRFBC40 power MOSFETs, usable for HF to well past 30 MHz.

Rated 600V at 2 A, and 300 watts max dissipation.

WIll sell all for $5.00 total, plus a little for shipping.

73 - Bry, AF4K

# 567. Question about components...

Yahoo group: hamradiohomebrew
Date: 2011-08-18 21:25:36 UTC
From: sojourner_813
Topic: 567  Message: 567

I am new to the group and hope someone can steer me in the right direction... I have recently begun doing some building after a number of years, but the components have changed a bit!

For instance, I am building one of Kitchins' super regen receivers. In this particular circuit, he calls for a 33 mh inductor and specifies wirewound (not molded!). Would it be suitable to wind a 33 mh toroid inductor, or even use a 33 mh power inductor?

Are there suitable capacitors that can be substituted for silver mica?

Thanks for any advice you can offer!!

Tom
WA5WXQ

# 568. FS: Groups of FT243 crystals

Yahoo group: hamradiohomebrew
Date: 2011-08-18 21:51:01 UTC
From: Bry Carling
Topic: 568  Message: 568

FOR SALE: Groups of FT243 crystals as used in all the typical ham AM and CW rigs like Heathkit, Drake 2NT, Hallicrafters HT40, etc. etc.

Back by popular demand.

GROUP 01 - (8) FT243 crystals - original ones on
7028, 7038, 7068, 7075, 7130, 7156, 7185, 7196 kHz
Available for just $25.00 total for all eight plus shipping.

GROUP 2 - (8) FT243 crystals - original ones on
7049, 7072, 7075, 7083, 7093, 7130, 7133, 7156 kHz
Available for just $25.00 total for all eight plus shipping.

GROUP 3 - (8) FT243 crystals - original ones on
7125, 7140, 7161, 7222, 7233, 7240, 7247, 7284kHz
Available for just $18.00 total for all eight plus shipping.

GROUP 4 - (8) FT243 crystals - original ones on
7162, 7172, 7192, 7243, 7273, 7277, 7284, 7289 kHz
Available for just $18.00 total for all eight plus shipping.

See lists and buy hrere:
http://www.af4k.com/basementcrystals.htm

Plenty of other ham band crystals on a wide variety of useful frequencies listed here:
http://www.af4k.com/crystals.htm

73 - Brian "Bry" Carling, AF4K
Florida

# 569. Re: [hamradiohomebrew] Question about components...

Yahoo group: hamradiohomebrew
Date: 2011-08-25 21:31:21 UTC
From: Bry Carling
Topic: 567  Message: 569

You can easily buy silver mica caps. I would just use the proper ones.

As far as winding a 33 mH RF coil, I would not use a toroid, especially if it is a tube circuit.
Why not wind a straightforward 33 mH solenoid style coil on a plastic of phenolic former?

I hope that helps.

PARTS SOURCES may be found here:

http://www.af4k.com/Boatanchors_Directory/Parts.htm

73 - Bry

On 18 Aug 2011 at 21:25, sojourner_813 wrote:

> I am new to the group and hope someone can steer me in the right
> direction... I have recently begun doing some building after a
> number of years, but the components have changed a bit!
>
> For instance, I am building one of Kitchins' super regen receivers.
> In this particular circuit, he calls for a 33 mh inductor and
> specifies wirewound (not molded!). Would it be suitable to wind a 33
> mh toroid inductor, or even use a 33 mh power inductor?
>
> Are there suitable capacitors that can be substituted for silver
> mica?
>
> Thanks for any advice you can offer!!
>
> Tom
> WA5WXQ
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 570. FS: 455-457 kHz crystals etc.

Yahoo group: hamradiohomebrew
Date: 2011-09-02 14:51:11 UTC
From: Bry Carling
Topic: 570  Message: 570

FOR SALE:

As used in the BC-684 military transmitter.

These are the closest you can get to 455 kHz in FT241 crystals and great for making i.f. filters, BFOs etc.

Quantity 7 - Channel 327 - 32.7 MHz / 454 to 455 kHz crystals, Type FT241,
and also Quantity 1 - Channel 329 - 32.9 MHz / 457 kHz

Will only sell these all as a group (all 8) for $22.00 plus shipping

ALSO:

FT243 Crystal on 2000 kHz - $14.00
FT243 Crystal on 5000 kHz - $14.00

hc13/u frequency standard (like tall hc6u metal can crystals) - $19.00 each

QTY 10 - 1843 kHz crystals - type hc33/u with wire leads (like hc6u) - $2.00 each
QTY 12 - 3742 kHz crystals, type hc6/u metal can, thin pins. - $2.00 each

Shipping additional.

Thanks for looking - Bry, AF4K

= = =
More crystals at:
http://www.af4k.com/crystals.htm

FT241 History:
http://www.ieee-uffc.org/main/history.asp?file=bottom#_Hlk390358114

# 571. FS: Two Drake crystals $5.00

Yahoo group: hamradiohomebrew
Date: 2011-09-04 16:52:53 UTC
From: Bry Carling
Topic: 571  Message: 571

FOR SALE: Two useful Drake Crystals

24.600 MHz and 31.600 MHz - these are in excellent working condition, and will put your Drake 4-line radios on the following frequencies

The 24.6 MHz one covers 13.5 to 14.0 MHz
The 31.6 MHz one convers 20.5 to 21.0 MHz

I only have one each of these. A bargain for smomeone. They are not that comonly used and so they are priced accordingly at $5.00 each plus shipping.

Other drake 2-line and 4-line crystals are available.

http://www.af4k.com/crystals.htm

73 - Bry, AF4K

# 572. FS: Three 160m crystals $3.50

Yahoo group: hamradiohomebrew
Date: 2011-09-04 17:13:50 UTC
From: Bry Carling
Topic: 572  Message: 572

FOR SALE: Three 160m crystals type hc6u

1801 kHz, 1843 kHz, 1942 kHz

Available for $3.50 each, but makes more sense to take all three for $10.00 plus shipping.

These look to be brand new and unused. Please contact me off the list.

More crystals here:
http://www.af4k.com/crystals.htm

73 - Bry Carling, AF4K

# 573. FS: Enamel covered copper wire

Yahoo group: hamradiohomebrew
Date: 2011-09-09 20:05:09 UTC
From: Bry Carling
Topic: 573  Message: 573

FOR SALE: Spool of new old stock enamel covered copper wire, excellent condition.

This appears to be pretty old but looks new. Seems to be 20 or 22 awg wire. No micrometer.

Marked "B.D. Land, New York" on the end of spool. Alkso marked: "Dudlo Manufacturing, Ft. Wayne, IN" under the labels. Great for making coils, rewinding transformers and chokes etc.

Spool is about 4.5" tall X 4.5" diameter. Weighs almost 4 lbs. and seems to be a huge roll with many hundreds, if not thousands of feet of wire.

One spool only - available for $20.00 plus shipping.
(or will trade for large quantity of unwanted FT243 crystals)

Thanks for looking and 73 de AF4K, Bry

http://www.af4k.com/crystals.htm

# 574. FS: Antenna Selector Switch

Yahoo group: hamradiohomebrew
Date: 2011-09-09 20:14:21 UTC
From: Bry Carling
Topic: 574  Message: 574

FOR SALE: Antenna Selector Switch

Phasing switch used for selecting XMTR - AUX - HORIZONTAL - VERTICAL
Has four SO-239 connectors. Perhaps used with a Moonraker or similar
antenna. $5.00 plus shipping

# 575. FS: Power Transformer

Yahoo group: hamradiohomebrew
Date: 2011-09-10 17:16:59 UTC
From: Bry Carling
Topic: 575  Message: 575

FOR SALE:

Power Transformer - looks to be older USA made item,
Upright mount with black end bells. No part number or label.
Dimensions: 3-3/4" X 3-3/4" X 4-1/2" tall.

I connected 120V AC and got 860V CT at est. 100 mA plus.
Also has secondaries of
SEC 2 = 10.0 V CT,
SEC 3 = 6.3 V AC CT
and 5.0 V CT
each with thick wires and unknown amps.

Nicely built with the typical flanges and four mounting holes for above chassis installation.

QTY 1 available for $12.00 plus shipping.

# 576. FS: More Transformers

Yahoo group: hamradiohomebrew
Date: 2011-09-10 17:18:57 UTC
From: Bry Carling
Topic: 576  Message: 576

FOR SALE: More Transformers

Combine to save on shipping...

1) Primary 120V AC - SEC: 24V at 12 Amps - $48.00 each

2) Variac - Powerstat USA PRI - 120V AC / SEC 0 - 132V at 2.25A - $65.00 (QTY 2)

3) Primary 120V AC / SEC 18V CT at 4A and/or 36V CT at 2A - $18.00

4) Primary 115V / SEC 14V at 3.5 A - $24.00

5) Primary 120V / SEC 36V at 3 A - $15.00 (QTY 4)

6) Primary 115V / SEC 28V CT at 5A - $30.00

7) Primary 115V / SEC 27V CT at 8A - $42.00

8) Primary 115V / SEC 36V at 5A - $30.00

9) Primary 115V / SEC 36V at 8A - $42.00

10) Primary 120V / SEC 8V at 9A - $38.00 (QTY 4)

11) Primary 120V / SEC 10V CT at 3A - $15.00

12) Variable transformer with 240V AC Primary / SEC 0 - 280V at 4.5A - $100.00

More transformers to list shortly...

73 & thanks for looking - Bry, AF4K

# 577. FS: $1.00 ham band crystals

Yahoo group: hamradiohomebrew
Date: 2011-09-14 22:21:53 UTC
From: Bry Carling
Topic: 577  Message: 577

FOR SALE: $1.00 ham band crystals etc.
Limited quantities. Please consider buying 4 or more to make the shipping costs worthwhile.

1942 kHz - Type hc6u crystals - QTY 2 available

3547 kHz hc33u crystals (same as hc6u with wire leads) - QTY 10 available

3579 kHz hc33u crystals (same as hc6u with wire leads) - QTY 4 available

7072 kHz - Type hc6u crystal - QTY 1 available

7094 kHz - Type hc6u crystal - QTY 1 available

The above are all just $1.00 each.

Also available:

1835 kHz - Type hc6u crystal - QTY 1 available for $6.00

7050 kHz - Type hc6u crystal - QTY 1 available for $6.00

13.600 MHz Drake crystal - Type hc6u crystal - QTY 1 available for $9.00

Shipping additional for each of these. Combine to save on shipping.

73 & thanks for looking - Bry, AF4K

# 578. FS: Amateur Band FT243 crystals

Yahoo group: hamradiohomebrew
Date: 2011-09-22 12:36:04 UTC
From: Bry Carling
Topic: 578  Message: 578

FOR SALE: Amateur Band FT243 crystals

1810, 1815, 1822, 1825, 1843, 1848, 1856, 1869, 1880, 1885 kHz

3500, 3505, 3515, 3520, 3530, 3540, 3552, 3555, 3579, 3582, 3600, 3615, 3645 kHz

7000, 7010, 7011, 7014, 7015, 7018, 7025, 7030, 7032, 7040, 7044, 7050, 7047, 7058, 7060 kHz

7100, 7107, 7110, 7114, 7120, 7123, 7125, 7143, 7146, 7150, 7175, 7200, 7290, 7293, 7295 kHz

The above are all available for $14.00 each and I have 4 or 5 left on most frequencies listed.

Many others available - lists at:

http://www.af4k.com/crystals.htm

Reply by e-mail to arrange purchase.

73 - Bry, AF4K

# 579. FS: FT243 crystals (older)

Yahoo group: hamradiohomebrew
Date: 2011-09-24 16:24:36 UTC
From: Bry Carling
Topic: 579  Message: 579

FS: Several older, original WW2 - 1950s era ham band FT243 crystals in the
old popular brands: Bliley, JK, PR, JAN, Monwatt, MP, Standard Piezo, Quartz Prod. etc.

1896.5, 1940, 1955, 1977.5, 3701, 3740 kHz

7000, 7006, 7125, 7140, 7150, 7152, 7174, 7175 kHz
7190, 7194, 7200, 7207, 7209, 7225, 7238, 7249 kHz

8375, 8400, 8425 kHz

Most of these I have one each, and a few I have two or three available.
Inquire. These are available for $14.00 each plus shipping.

73 & thanks for looking,

Bry, AF4K

# 580. FS: 460 kHz Lattice FIlter Crystals

Yahoo group: hamradiohomebrew
Date: 2011-09-26 20:15:27 UTC
From: Bry Carling
Topic: 580  Message: 580

FOR SALE: Group of 460 kHz range Lattice Filter Crystals

These are FT241 crystals, in excellent condition.

QTY 5 - CHANNEL 49 = 461 kHz
QTY 3 - CHANNEL 50 = 463 kHz
Great for a homebrew lattice filter or other LF applications.

Will sell all (8) crystals for $20.00 plus shipping

Thanks & 73 - Bry, AF4K

# 581. Interesting homebrew rig

Yahoo group: hamradiohomebrew
Date: 2011-10-21 13:17:20 UTC
From: Bry Carling
Topic: 581  Message: 581

This homebrew transmitter looks rather interesting. I saw it over on that ePay place -

Item number: 110759565163

# 582. FS: KW Isolation xfmr

Yahoo group: hamradiohomebrew
Date: 2011-10-22 21:40:49 UTC
From: Bry Carling
Topic: 582  Message: 582

FOR SALE:

1000 watt Isolation Transformer. for 120V AC.

by Northlake Engineering Co. This is a 1:1 transformer.
120V AC in = 120V AC out. Very conservatively rated.
Actually is rated for 12 Amps (1400 watts.)

Has four IEC outlets and heavy duty power cable.
Heavy gauge, light gray metal case with rubber feet.
Like new condition. Supplied with cables.

Has a nice breaker switch for power ON/OFF.

Available for $45.00 plus shipping

# 583. For Sale

Yahoo group: hamradiohomebrew
Date: 2011-10-25 02:13:25 UTC
From: kd8mw
Topic: 583  Message: 583

Knight T-60 60 Watt AM-CW Transmitter $70.00
Oak Hills Research QRP Sprint II 30M Transceiver $75.00

Cathode Ray Tubes
2AP5 $15.00
2BP1 $15.00
3RP1 $18.00

Collins Mechanical Filters
525 9160 009 F 455 N 40 $40.00
526 9311 009 F 300 Z 5 $40.00

HAL Communications Equipment $75.00 for lot no cables
HAL DS 3000 KSR RTTY/CW/ASCII
HAL ST 6000 Demodulator
Electrohome EVM-1410 Monitor

Teletype Corp M28 KSR printer $100 Local Pick UP if possible

HW 202 2-Meter FM Transceiver w/ assembly manual. $30.00

HWA 202-1 AC Power Supply w/assembly manual. $25.00

Heathkit IM-17 Solid-State Voltmeter. $20.00

Original Heath Manuals For Sale

SB-104 Single Sideband Transceiver Assembly Manual. $10.00

SB-104 Single Sideband Transceiver Operation Manual. $10.00

SB-101 SSB Transceiver Assembly Manual $10.00

HW-202 2-Meter FM Transceiver Assembly Manual. $10.00

GR-1132 Lo-Hi VHF/UHF Scanner Assembly Manual. $10.00

GD-1114 FM Wireless Intercom Assembly Manual. $10.00

HA-202 2-Meter FM Amplifier Assembly Manual. $10.00

HM-2102 VHF Wattmeter Assembly Manual. $10.00

HA-201 2 Meter Amplifier Assembly Manual. $9.00

IT-28 Capacitor Checker Assembly Manual $5.00

please contact off list @ kd8mw@... or aimhightoday@...
buyer pay shipping from Dayton Ohio. PayPal preferred.

# 584. ARCO Compression capacitors for PA projects FS !

Yahoo group: hamradiohomebrew
Date: 2011-10-26 00:15:52 UTC
From: deport-now
Topic: 584  Message: 584

I have a bunch of ARCO mica compression caps as well as variable air caps for sale , please contact me off list at lothar.baier@... with your requirements

# 585. FS: Crystal Ovens

Yahoo group: hamradiohomebrew
Date: 2011-10-26 13:57:16 UTC
From: Bry Carling
Topic: 585  Message: 585

FOR SALE: New Crystal Ovens, by Electronic Research Co.

8-pin Octal base, plugs into standard octal socket.
These will hold two metal hc6u crystals with 1/2" pin spacing.
6.3V heater, and rated for constant 65 degrees C.
Model ERO-100D40

QTY 12 available - will sell for $4.00 each or take all 12 for $32.00
shipping additional.

Bets regards - AF4K, Bry Carling

# 586. FSL: 6146 tubes

Yahoo group: hamradiohomebrew
Date: 2011-10-26 18:58:06 UTC
From: Bry Carling
Topic: 586  Message: 586

For Sale:

Two pairs of good used / tested tubes. These look very good. The 6146Ws may be new, and look very nice, but have no boxes.

Pair of RCA 6146 tubes - $12.00 plus shipping

Pair G.E. 6146W tubes - $20.00 plus shipping

Thanks for looking - 73 de AF4K, Brian Carling

# 587. FS: Heathkit Parts

Yahoo group: hamradiohomebrew
Date: 2011-10-28 12:12:32 UTC
From: Bry Carling
Topic: 587  Message: 587

FOR SALE: Heathkit Parts

Heathkit DX100 Front panel (NOT B) - $35.00
Heathkit DX100 54-30 LV Power Transformer 634VCT 5V 120VCT 12.6V - $35.00
Heathkit DX100 46-11 LV Filter Choke 150 mA - $15.00
Heathkit DX100 pair of H.V. Electrolytic Capacitors 125 uF at 450V DC - $10.00
Heathkit DX100 - 15K + 15K Bleeder resistor, plus two 10K, 10 watt power resistors - $6.00
Heathkit DX100 - Pair of 1625 tubes - $10.00
Heathkit DX100 - 5V4 tube - $9.00
Heathkit DX100 - Some other individual tubes are still available (inquire)
Heathkit DX100 - Pair of ceramic 1625 tube sockets - $10.00
Heathkit DX100 - Pair of ceramic 6146 tube sockets - $10.00
Heathkit DX100 - Pair of ceramic 5R4GY tube sockets - $10.00
Heathkit DX100 - single ceramic 5V4 tube socket - $5.00
Heathkit DX100 - Plate tuning Capacitor, 350 pF, EF JOHNSON - $25.00
Heathkit DX100 - Output loading variable Capacitor, with concentric switch and caps - $15.00
Heathkit DX100 - PA RF Tank Coil, bandswitching - $15.00
Heathkit DX100 - RFC final Plate Choke - $10.00
Heathkit DX100 - VFO - with 6AU6 tube $25.00
Heathkit DX100 - VFO - no tube $18.00
Heathkit DX100 - CRYSTAL SOCKET ASSY - 4 positions, FT243 - $24.00
Heathkit DX100 - CHASSIS (Copper) includes about 30 smaller parts - $25.00
Heathkit DX100B - CHASSIS (silver color) includes about 30 smaller parts - $25.00
Heathkit DX100 - BANDSWITCH Assembly - $12.00
Heathkit DX100 - DRIVER COIL - Band-switching type - $12.00
Heathkit DX100 - DRIVER variable Capacitor, 75 pF - $12.00
Heathkit DX100B - 25K-ohm / 4 Watt Driver Potentiometer - $9.00
Heathkit DX100 - 25K-ohm / 4 Watt Driver Potentiometer - $9.00
Heathkit DX100 - AUDIO GAIN POTENTIOMETER - $4.00
Heathkit DX100 - VFO - with tube - $25.00
Heathkit DX100 - VFO - no tube - $18.00
Heathkit DX100 - FUNCTION SWITCH assy - AM/CW - $8.00
Heathkit DX100 - XTAL-VFO SWITCH assy - $5.00
Heathkit DX100 - METER with rotary Meter Function switch - $12.00
Heathkit DX100 - PAIR of switches: AC ON-OFF (SPST) & PLATE ON-OFF (DPDT) - $5.00
Heathkit DX100 - Microphone jack and key jack assys - $5.00
Heathkit DX100 - AC input filter assy - $5.00
Heathkit DX100 - Rear accessory socket and filters assy - $4.00

DX100 Manual copy available with any of the items above. Shipping additional on the parts.

Updates and details:
http://www.af4k.com/miscpart.htm

73 - Brian Carling, AF4K

# 588. FS: 32 New Electrolytic Caps

Yahoo group: hamradiohomebrew
Date: 2011-11-24 14:45:31 UTC
From: Bry Carling
Topic: 588  Message: 588

FOR SALE: QTY 32 - New Electrolytic Caps, radial leads.

QTY - Capacitance / DC Voltage

1 - 10 uF / 400V
1 - 33 uF / 350V
13 - 33 uF / 400V
1 - 47uF / 400V
4 - 47 uF / 450V
4 - 82 uF / 400V
2 - 220uF / 400V
3 - 270uF / 200V
2 - 330uF / 63V
1 - 470uF / 63V

Total of 32 new capacitors, great for amateur radio and other electronic applications.

Will sell the whole box for $12.00 plus shipping

73 - Brian, AF4K

# 589. Re: [hamradiohomebrew] FS: 32 New Electrolytic Caps

Yahoo group: hamradiohomebrew
Date: 2011-11-24 18:59:35 UTC
From: mike freitag
Topic: 588  Message: 589

On 11/24/2011 8:45 AM, Bry Carling wrote:
>
> FOR SALE: QTY 32 - New Electrolytic Caps, radial leads.
>
> QTY - Capacitance / DC Voltage
>
> 1 - 10 uF / 400V
> 1 - 33 uF / 350V
> 13 - 33 uF / 400V
> 1 - 47uF / 400V
> 4 - 47 uF / 450V
> 4 - 82 uF / 400V
> 2 - 220uF / 400V
> 3 - 270uF / 200V
> 2 - 330uF / 63V
> 1 - 470uF / 63V
>
> Total of 32 new capacitors, great for amateur radio and other
> electronic applications.
>
> Will sell the whole box for $12.00 plus shipping
>
> 73 - Brian, AF4K
>
Ill take it. Do you still have my info? Mike

# 590. Re: [hamradiohomebrew] FS: 32 New Electrolytic Caps

Yahoo group: hamradiohomebrew
Date: 2011-11-26 04:11:32 UTC
From: mike freitag
Topic: 588  Message: 590

Did you get this message the first time?

On 11/24/2011 12:59 PM, mike freitag wrote:
>
> On 11/24/2011 8:45 AM, Bry Carling wrote:
>
>> FOR SALE: QTY 32 - New Electrolytic Caps, radial leads.
>>
>> QTY - Capacitance / DC Voltage
>>
>> 1 - 10 uF / 400V
>> 1 - 33 uF / 350V
>> 13 - 33 uF / 400V
>> 1 - 47uF / 400V
>> 4 - 47 uF / 450V
>> 4 - 82 uF / 400V
>> 2 - 220uF / 400V
>> 3 - 270uF / 200V
>> 2 - 330uF / 63V
>> 1 - 470uF / 63V
>>
>> Total of 32 new capacitors, great for amateur radio and other
>> electronic applications.
>>
>> Will sell the whole box for $12.00 plus shipping
>>
>> 73 - Brian, AF4K
> Ill take it. Do you still have my info? Mike
>

# 591. RE: 32 New Electrolytic Caps

Yahoo group: hamradiohomebrew
Date: 2011-11-26 13:00:55 UTC
From: Bry Carling
Topic: 588  Message: 591
Attachments: 2 described; binary payloads are missing from this source WARC

Sorry Mike - I thought I replied.

They wer sold. IO may have some more in a similar group soon and will let you know.

Bry AF4K

Did you get this message the first time?

On 11/24/2011 12:59 PM, mike freitag wrote:

On 11/24/2011 8:45 AM, Bry Carling wrote:

FOR SALE: QTY 32 - New Electrolytic Caps, radial leads.

QTY - Capacitance / DC Voltage

1 - 10 uF / 400V
1 - 33 uF / 350V
13 - 33 uF / 400V
1 - 47uF / 400V
4 - 47 uF / 450V
4 - 82 uF / 400V
2 - 220uF / 400V
3 - 270uF / 200V
2 - 330uF / 63V
1 - 470uF / 63V

Total of 32 new capacitors, great for amateur radio and other electronic applications.

Will sell the whole box for $12.00 plus shipping

73 - Brian, AF4K

Ill take it. Do you still have my info? Mike

# 592. FS: Axial Parts grab bag

Yahoo group: hamradiohomebrew
Date: 2011-12-05 21:26:26 UTC
From: mmjd01
Topic: 592  Message: 592

For Sale: Over 1800 new, axial leaded components on machine insertable tape. These are part sequences from an audio manufacturer who converted to SMT insertion. You'll receive an assortment of at least 1800 axial leaded parts; 1% MF and 5% CF 1/4W resistors, 500mW Zener diodes, rectifiers diodes, switching diodes, ferrite beads, etc. Parts have standard value markings, and all are new and unused. Overall part length is 2". You'll receive over 30 feet of taped parts, over 1800 parts in all. Shipping is via Priority mail.
Parts grab bag: $16.00 shipped to your door!
Please email me at mmjd01@...
Dave KE2GE

# 593. REDUCED: Heathkit DX100 parts

Yahoo group: hamradiohomebrew
Date: 2011-12-19 00:38:15 UTC
From: Bry Carling
Topic: 593  Message: 593

FOR SALE: DX100 Parts / updated list as of DEC 18, 2011

QTY 4 - 120 uF at 450V DC Capacitors

QTY 1 - 20 + 20 + 20 uF at 450V Capacitor

QTY 2 - Switch, plate ON-OFF

QTY 1 - Switch main power ON-OFF

QTY 1 - Bleeder resistor - 15 K plus 15K-ohms

QTY 2 - 10K at 10 Watts resistor

QTY 1 - Drive level potentiometer 25 K at 4 watts with shaft

QTY 1 - Ceramic feedthru and coil for underside of 6146 tube feed from driver stage.

QTY 1 - Driver coil assembly, bandswitching

QTY 4 - 1625 Plate Caps - ceramic

QTY 4 - 1625 socket, 7-pin

QTY 2 - 5U4 sockets

QTY 5 - ceramic octal socket for 5V4 tube etc.

QTY 1 - Sub-chassis for 6146 tubes with bracket, tube sockets etc.

QTY 1 - RF Final tank coil assembly

QTY 1 - Loading Variable Capacitor, 0 - 250 pF

QTY 1 - Plate Tuning Variable Capacitor, 0 - 150 pF with shaft extension

QTY 2 - Driver Tuning Variable Capacitor, 0 - 100 pF with shaft extension

QTY 3 - Mode Switch - AM, CW etc.

QTY 1 - VFO control shaft and bushing - 3/4"

QTY 2 - Meter selector switch - rotary

QTY 1 - CW Key jack

QTY 2 - Audio input jack assembly with bracket, 5 capacitors, 3 resistors, terminal strips etc.

QTY 2 - Audio Gain potentiometer for microphone input level

QTY 1 - AC Input filter assembly

QTY 2 - Accessory jack assembly with coils

QTY 2 - AC power cable with fused plug

BOX OF TUBES:
5U4 X 3
OA2 X 3
6AQ5 X 1
12BY7A X 5
5763 X 1
12AX7A X 6
12AU7A X 2
6AL5 X 2
6AU6A X 1

Various couplings, control shafts and small parts, red bezel lamp glass, etc.

2 bags of small hardware parts etc.

Several extra capacitors and odds-ends such as 0.1 uF at 600V DC caps etc.

For details and pricing - see web page:

http://www.af4k.com/miscpart.htm

73 - Brian Carling, AF4K

# 594. FS: Crystal Sockets

Yahoo group: hamradiohomebrew
Date: 2011-12-19 15:11:01 UTC
From: Bry Carling
Topic: 594  Message: 594

FOR SALE: Crystal Sockets

FT243 Crystal Sockets - 1/2" spacing X 0.094" diameter pins

Single FT243 Socket - two hole mount - classic style with shoulder - $8.00 each
(24 available)

Single FT243 Socket - smaller black type - single hole mount - $6.00 each
(4 available)

DUAL FT243 socket - square phenolic, Cinch, single hole mount, accepts two crystals - $10.00
(1 available)

QUAD in-line FT243 socket for multiple crystals, end to end on nice small copper subchassis - as used in DX100 - $24.00
(1 available)

HC6U Crystal Sockets - 1/2" spacing X 0.050" diameter pins
These are new ceramic sockets, single hole mount.
Available for $3.00 each or ten for $25.00 plus shipping
(60 available)

Triple hc6u socket - black or white - $5.00 each
(2 available)

Used hc6u sockets available for $2.00 each
(4 available)

CR1A (20C, DC30) crystal sockets, rare - pin spacing 0.5" and pin diameter 0.125" - for $4.00 each
(2 available)

DC34 / DC35 crystal sockets, Ceramic. rare - pin spacing 0.75" and pin diameter 0.125" - for
$4.00 each
(14 available)

DC34 / DC35 crystal sockets, Plastic. Rare - pin spacing 0.75" and pin diameter 0.125" - for
$4.00 each
(24 available)

CR-15/U Crystal socket, 3 pins New, Rare - 1-5/8" X 1-3/16" X 2" tall.
3 pins are 1/8" dia. Two are spaced 1/2" apart. third pin
is offset by 7/8" from each othe other two. $8.00 each
(2 available)

hc25 / hc50 crystal sockets, for the smaller metal can crystals, pc mount or attach wires
$2.50 each.
(5 available)

73 - Brian Carling, AF4K

# 595. FS: Boxes of Electrolytic Capacitors

Yahoo group: hamradiohomebrew
Date: 2011-12-20 12:45:02 UTC
From: Bry Carling
Topic: 595  Message: 595

FOR SALE: ELECTROLYTIC CAPACITORS

Mix of radial, axial, upright can - some NOS. Almost all are new.
(one or two may be good, tested caps)

BOX #1 = QTY 35 electrolytic CAPACITORS
QTY 2, 0.068 uF at 630 V
QTY 2, 0.056 uF at 630 V
QTY 1, 4 uF at 600 V
QTY 2, 8 uF at 450 V
QTY 1, 8 + 8 uF at 450 V
QTY 2, 16 uF at 450 V
QTY 1, 125 uF at 450 V
QTY 1, 10 + 10 uF at 450 V
QTY 2, 820 uF at 450 V
QTY 1, 40 uF at 450 V
QTY 1, 68 uF at 400 V
QTY 4, 220 uF at 400V
QTY 2, 33 uF at 400V
QTY 1, 40 + 20 + 10 uF at 350 V
QTY 1, 22 uF at 350 V
QTY 1, 10 uF at 350 V
QTY 1, 100 uF at 250 V
QTY 1, 100 uF at 200 V
QTY 1, 4700 uF at 35 V
QTY 1, 4.7 uF at 35 V
QTY 2, 2200 uF at 25 V
QTY 4, 100 uF at 25 V
Total of 35 excellent capacitors for $45.00 plus $12.00 shipping

BOX #2 = QTY 40 electrolytic CAPACITORS
Mix of radial, axial, upright can - some NOS. Almost all are new.
QTY 2, 0.068 uF at 630 V
QTY 2, 0.056 uF at 630 V
QTY 1, 16 uF at 600V
QTY 1, 0.47 uF at 600V
QTY 2, 47 uF at 450 V
QTY 1, 20 uF at 450 V
QTY 1, 10 + 10 uF at 450 V
QTY 3, 82 uF at 400 V
QTY 5, 220 uF at 400 V
QTY 1, 33 uF at 400 V
QTY 3, 0.47 uF at 400 V

QTY 1, 22 uF at 350 V
QTY 1, 3 uF at 350 V
QTY 1, 47 uF at 250 V
QTY 1, 33 uF at 250 V
QTY 1, 270 uF at 200 V
QTY 1, 100 uF at 200 V
QTY 1, 1 uF at 200 V
QTY 1, 1000 uF at 50 V
QTY 2, 2200 uF at 35 V
QTY 1, 4.7 uF at 35 V
QTY 1, 1000 uF at 25 V
QTY 5, 100 uF at 25 V
QTY 1, 2200 uF at 16 V
Total of 40 excellent capacitors for $45.00 plus $12.00
shipping

BOX #3 = QTY 30 electrolytic CAPACITORS
Mix of radial, axial, upright can - some NOS. Almost all are
new.
QTY 2, 0.068 uF at 630 V
QTY 2, 0.056 uF at 630 V
QTY 1, 16 uF at 600 V
QTY 1, 125 uF at 450 V
QTY 1, 30 uF at 450 V
QTY 1, 20 uF at 450 V
QTY 3, 16 uF at 450 V
QTY 4, 20 + 20 uF at 450 V
QTY 8, 220 uF at 400 V
QTY 3, 270 uF at 400 V
QTY 1, 82 uF at 400 V
QTY 1, 33 uF at 400 V
QTY 2, 1500 uF at 250 V
Great group of capacitors for a low price. $45.00 plus $12.00
shipping

73 - Bry, AF4K

# 596. FS: Heathkit test equipment - GDO

Yahoo group: hamradiohomebrew
Date: 2012-01-14 15:48:14 UTC
From: Bry Carling
Topic: 596  Message: 596

FOR SALE: Two complete Heathkit Grid Dip Oscillator sets:

1) Heathkit GD1A - covers 2.0 - 250.0 MHz. in above average condition, with all 5 of the coils
in their original box. Used to determine the resonant frequency of tuned circuits, antennas etc.
Also useful for aligning receivers, transmitters etc. The lower range can be extended down to 350 kHz. with an optional coil (not included) as described in the manual. 120V AC operation. Manual included - a copy of the original 21 page manual with schematic.
Exceptionally nice, works great - available for $50.00 plus shipping
(photos available)

2) Heathkit HD1250 Solid State Dip Meter in excellent condition with all 7 coils in great shape, covering 1.6 MHz to 260.0 MHz. Used to determine the resonant frequency of tuned circuits, antennas etc. Also useful for aligning receivers, transmitters etc.
This one includes the nice plastic carry caseand is all in excellent shape. Looks great.
Uses a standard 9V DC battery. Works fine as it should and is an exceptionally nice set.
Includes a copy of the 76 page manual with schematic (pdf).
Available for $50.00 plus shipping.
(photos available)

See:
http://www.heathkit.nu/heathkit_nu_HD-1250.html

# 597. FS: Drake DC4 Power Supply

Yahoo group: hamradiohomebrew
Date: 2012-01-14 16:04:05 UTC
From: Bry Carling
Topic: 597  Message: 597

FOR SALE: Drake DC4 Power Supply
Ideal for running the R.L. DRAKE 4-line Radios from 13.8V DC power source. Provides all of the voltages needed to run a Drake TR4, R4A, R4B, R4C or T4X etc. Also has a 110V AC outlet.

Extra nice condition. Looks far better than most I have seen. Comes with a copy of the manual. Includes a mating 10-pin connector, no cable, but easy to deal with the connections. Very nice condition.
Available for $65.00 plus shipping
(photo available)

# 598. FS: More HAM Accessories

Yahoo group: hamradiohomebrew
Date: 2012-01-14 18:45:32 UTC
From: Bry Carling
Topic: 598  Message: 598

FOR SALE:

MFJ-812 VHF Wattmeter / SWR meter.
This is the worlds most popular and most affordable VHF SWR/Wattmeter.
It has a built-in Field strength Meter. Covers 144 and 220 MHz.
Read forward and reflected power in 2 ranges - 30 or 300 Watts. Reads SWR from
144 thru 220Mhz. Also reads relative field strength from 1 to 220 MHz. Has binding
post for field strength antenna. Measures 4.5 x 2.25 x 3 inches. Eggshell White.
Excellent appearance and in working condition.
Available for $24.00 plus shipping
(photo available)

RL DRAKE Low Pass Filter model TV1000LP rated for 1000 Watts up to 30 MHz, 52 Ohms.
Has the two standard SO-239 connectors for attaching coaxial cables. These typically go
for around $35.00 on eBay.
Available for $20.00 plus shipping
(photo available)

# 599. FS: Panel Meters

Yahoo group: hamradiohomebrew
Date: 2012-01-14 20:38:31 UTC
From: Bry Carling
Topic: 599  Message: 599

FOR SALE: Panel Meters - all in excellent condition except as noted.

Simpson Square Panel Meter model 37, 0 - 1 Amperes "radio frequency" .
Three inches square with traditional rounded corners.
QTY 1 available for $10.00 plus shipping.

Jewell Electrical round panel meter Pattern No. 66 for 0 - 1 Amperes "radio frequency."
Thermocouple type. Round 3.25" diameter for 2-1/2" hole.
QTY 1 available for $10.00 plus shipping.

Weston Electrical Instrument Model 425 for 0 - 5 Amperes RF.
Round panel meter with 3.5" diameter and uses a 2.75" diameter hole.
Since the outer case has a crack in it, the price is set
accordingly. Seems to still work fine though.
QTY 1 available for $3.00 plus shipping.

General Electric 0 - 50 mA DC meter, 3" X 3-1/8" square type with rounded corners.
QTY 1 available for $10.00 plus shipping.

Jewell Electrical panel meter Pattern No. 53. 0 - 10V DC. Round 3.25" diameter for 2-1/2"
hole.
QTY 1 available for $6.00 plus shipping.

General Electric Elapsed Time Meter for 120V AC. Reads Hours on a 0 -99999 scale.
Has already had 192 hours usage. This is a round panel meter - 3.5" diameter.
Uses a 3" hole. Since the outer ring of the case has a chip out of it, the price is set
accordingly.
QTY 1 available for $3.00 plus shipping.

Weston Electrical Instrument Model 301 Voltmeter, with scales for 0 - 140V and
0 - 7V DC
QTY 1 available for $5.00 plus shipping.

Weston Electrical Instrument Model 478 round panel meter for 0 - 5V AC.
with 3.5" diameter and uses a 2.75" diameter hole.
QTY 1 available for $8.00 plus shipping.

Triplett Model 321 round panel meter for 100 - 0 - 100 microAmperes DC, dual polarity.
Has center zero. 3.25" diameter for 2.75" hole.
QTY 1 available for $10.00 plus shipping.

Weston Electrical Instrument - Model 476 round panel meter- rear mount, no flange.
Scales for 0 - 60V and 0 - 120V AC. Has 2.75" outer diameter and 2.5" inside diameter.
QTY 1 available for $8.00 plus shipping.

Jewell Electrical panel meter Pattern No. 70. Round panel meter for 0 - 15V AC.
3.25" diameter for 2-1/2" hole.
QTY 1 available for $6.00 plus shipping.

This next one is a beauty - WESTERN ELECTRIC 0 - 1mA, MODEL ADK84 with scales for:
P.A. Plate 0 - 200 mA segmented as CW in the 80-120mA range and MCW in the 120 - 200 mA range. Also has a scale in the center for P.A. Grid and Battery.
Has 2.75" diameter and uses a 2.25" diameter hole.
QTY 1 available for $15.00 plus shipping.

Jewell Electrical Company dual scale meter for 0 - 12V DC and 0 - 120V DC.
3.75" diameter for 3" hole. The case looks fine but has a small chip out of the glass, and the so price is set accordingly.
QTY 1 available for $3.00 plus shipping.

Combine to save on shipping. Thanks for looking.

73 de AF4K, Bry

# 600. FS: Pair of EIMAC 4-125A Tubes

Yahoo group: hamradiohomebrew
Date: 2012-01-15 02:48:51 UTC
From: Bry Carling
Topic: 600  Message: 600

FOR SALE: Pair of EIMAC 4-125A Tubes

A pair of these will typically produce 300 - 400 watts output when used with a 2500V plate supply. These are good, used / tested tubes. They come in original EIMAC boxes and have plenty of life left in them.

I will sell these for $20.00 each plus shipping

73 - Brian, AF4K

# 601. AM 100 Watt Transmitter Designs

Yahoo group: hamradiohomebrew
Date: 2012-01-15 12:38:06 UTC
From: Bry Carling
Topic: 601  Message: 601

Can anyone help this fellow?

He is looking for an AM transmitter article and would like to do some homebrewing after a FEW years absence form ham radio!

He may not be reading this group, so be sure to do a "REPLY TO ALL" here to help him...

FWD from another group:

Posted by: Brian Burns
burnsguitar@...

Date: Sat Jan 14, 2012 3:07 pm ((PST))

Hello All,

I'm getting back into ham radio after a mere 53 years doing other
things!

Back in the day, I worked mostly CW, and want to do that again, but I'm
really interested in AM. An old ham friend has equipped me with an SSB/CW
transceiver, and I'm getting an HQ-145 to restore for AM reception.

I'm looking for an article on building an all band AM tube transmitter
that's good for about 100 watts, give or take. I'm concerned about parts
availability, so any help in that direction would be greatly appreciated
too. I'll be building a digital VFO kit, so this will be something of a
hybrid rig. Here is the link to the kit:

http://www.pongrance.com/super-dds.html

Cheers,

Brian Burns Once and future K6UCD

# 602. Homebrewing Transmitters

Yahoo group: hamradiohomebrew
Date: 2012-01-15 14:36:09 UTC
From: Bry Carling
Topic: 601  Message: 602

Speaking of Homebrewing with all these various parts I find (!!) here is a really nice homebrew transmitter picture posted a while back by "Snort Rosin."

http://www.flickr.com/photos/16840480@N02/2965062285/in/photostream

# 603. Building your own I.F. Transformers

Yahoo group: hamradiohomebrew
Date: 2012-01-15 14:43:38 UTC
From: Bry Carling
Topic: 603  Message: 603

I just ran across this great article that may help some of you receiver builders (and mixer-type
transmitter builders.)

Somebody had to be very ingenious to figure out how to homebrew these I.F. can coils / transformers from SCRATCH using easily obtained materials like this. I think it's a very useful
resource. The article is about 3/4 of the way down this web page and features some nice photos that make it easy to understand the technique. ENJOY!

http://m0xpd.blogspot.com/2009_12_01_archive.html

# 604. Re: [Boatanchors] AM 100 Watt Transmitter Designs

Yahoo group: hamradiohomebrew
Date: 2012-01-15 16:02:09 UTC
From: Bry Carling
Topic: 604  Message: 604

Great tip Vic. There may also be some articles on the web or in later years of the handbook...
,
There are a great many projects / articles described in other less-known magazines and web groups too, such as the "AM PRESS/ECHANGE" or "AMFONE," or "THE AM FORUM" and "Electric Radio." You can often find back issues of these magazines, and others - some of which are becoming rare now. Consult Southeast AM Radio Club, and SPARC - the "Society for Presevrvation of AM Radio Club" for example.

You can at least find a few pictures and anecdotes online maybe even a few detailed articles
(but not many - these web pages have a way of disappearing and THAT is where the Wayback Machine comes in handy)- For example:

http://amfone.net/Amforum/index.php

Some great archives may be found here:
http://wayback.archive.org/web/20040701000000*/http://amfone.net/index.htm

http://forums.qrz.com/showthread.php?68278-AMFONE-Celebrating-8-years-of-service!

Get a copy of this PDF while you still can!
http://www.arizona-am.net/PHOENIX/NA7RH/6DQ5_Charlie_Pics_rev3.pdf

4-250A Homebrew AM Transmitter Youtube video:
http://www.youtube.com/watch?v=QpYyj7QWHxw

Cathode modulator for use with linear amplifiers such as the SB200:
http://www.kc3ol.dynip.com/downloads/wa0zhh.jpg

KM5TZ Homebrew AM transmitter:
http://www.km5tz.com/HomebrewAM.htm

W5HRO Homebrew AM Transmitter video:
http://www.youtube.com/watch?v=5cwBg9cSMfo

How to identify Modulation Transformers:
http://amfone.net/AMPX/108.html

Mike, W5RKL's Mixer-osc transmitter for AM:
http://amfone.net/Amforum/index.php?topic=10090.0;wap2

Many other useful links here - warning some may be dead links!
http://www.af4k.com/Boatanchors_Directory/Amplitude_Modulation.htm

73 to you, Brian - and keep us up to date on how the project goes,

Bry AF4K

On 15 Jan 2012 at 10:28, Vic Gagliano wrote:

> There are some good designs in the 1955 ARRL Handbook.
> If you are a member, just call Zack at tech support or look it up
> on
> their website under either QST or Handbook articles AM Xmtrs. Any of
> the
> Handbooks around that year will have something
> of interest.
>
> Vic WA2ARQ
>
> -----Original Message-----
> From: boatanchors-bounces@...
> [mailto:boatanchors-bounces@...] On Behalf Of Bry
> Carling
> Sent: Sunday, January 15, 2012 7:38 AM
> To: FLBOATANCHORS@yahoogroups.com; tetrode@...;
> hamradiohomebrew@yahoogroups.com; boatanchors@...
> Cc: burnsguitar@...
> Subject: [Boatanchors] AM 100 Watt Transmitter Designs
>
> Can anyone help this fellow?
>
> He is looking for an AM transmitter article and would like to do
> some
> homebrewing after a
> FEW years absence form ham radio!
>
> He may not be reading this group, so be sure to do a "REPLY TO ALL"
> here to
> help him...
>
> FWD from another group:
>
> Posted by: Brian Burns
> burnsguitar@...
>
>
> Date: Sat Jan 14, 2012 3:07 pm ((PST))
>
> Hello All,
>
> I'm getting back into ham radio after a mere 53 years doing other
> things!
>
> Back in the day, I worked mostly CW, and want to do that again, but
> I'm
> really interested in AM. An old ham friend has equipped me with an
> SSB/CW
> transceiver, and I'm getting an HQ-145 to restore for AM

> reception.
>
> I'm looking for an article on building an all band AM tube
> transmitter
> that's good for about 100 watts, give or take. I'm concerned about
> parts
> availability, so any help in that direction would be greatly
> appreciated
> too. I'll be building a digital VFO kit, so this will be something
> of a
> hybrid rig. Here is the link to the kit:
>
> http://www.pongrance.com/super-dds.html
>
> Cheers,
>
> Brian Burns Once and future K6UCD
>
>
> _____
> Boatanchors mailing list
> Boatanchors@...
> https://puck.nether.net/mailman/listinfo/boatanchors
>

# 605. FS: 6146 Tubes

Yahoo group: hamradiohomebrew
Date: 2012-01-16 12:15:47 UTC
From: Bry Carling
Topic: 605  Message: 605

For sale 6146 tubes:

QTY 4 - type 6293 / 6146 tubes. Used, good tested. RCA Brand.
This is the rare heavy duty version of the 6146 much sought after. To quote K9STH, these are a very heavy duty version of the 6146 and can be substituted without any problems. This is the 6293. A 6293 will outlast a "plain" 6146 by at least 5 times the life (over 10 times is not that unusual!). We would "kill" back in the late 1950s and early 1960s to get our hands on a pair of 6293 tubes for our DX-100s, etc.

Available for $7.00 each plus shipping

QTY 2 - 6146A / 8298 Tubes. Used, good tested. Westinghouse brand.

Available for $6.00 each plus shipping

73 - Brian, AF4K

# 606. FS: 807 Tubes

Yahoo group: hamradiohomebrew
Date: 2012-01-16 12:32:29 UTC
From: Bry Carling
Topic: 606  Message: 606

FOR SALE: 807 Tubes etc.

Standard shoulder style 807 tubes - most of these are used, tested good tubes.
Some may be new but are unboxed. One NOS, boxed.

QTY 4 - 807 Raytheon Holland $10.00 each plus shipping

QTY 1 - National 807 - $10.00 plus shipping

QTY 2 - General Electric 807 - $10.00 plus shipping

QTY 1 - RCA 807 - $10.00 plus shipping

QTY 1 - CBS 807 - $10.00 plus shipping

QTY 1 No name 807 - $8.00 plus shipping

QTY 9 - Type 5933 / 807W ruggedized tubes.
Available for $10.00 each plus shipping

QTY 1 - New in BOX JAN/General Electric 807 - $15.00 plus shipping
QTY 3 - RCA VT-136 / 1625 Tube for $6.00 each plus shipping
QTY 1 - National VT-136 / 1625 Tube for $5.00 plus shipping

Shipping additional on all the above.

Thanks for looking and 73 - Brian Carling, AF4K

# 607. FS: Some VHF-UHF power tubes

Yahoo group: hamradiohomebrew
Date: 2012-01-17 23:55:17 UTC
From: Bry Carling
Topic: 607  Message: 607

FOR SALE: Some VHF-UHF power tubes

RCA type 3C33 Twin Triode power transmitting tube.
Vf 12.6 Volts / If: 1.125 A. Use as independent or parallel
Mu 11, 30W total dissipation. JAN made in USA.
7-pin base. Typically used with 600V on plates, 2000V peak
at about 120 to 160 mA. Data sheet available online at:
http://www.datasheetarchive.com/3C33-datasheet.html
Excellent used/working condition.
QTY 1 available for $5.00 plus shipping

Phillips QQE06/40
750V max, up to 275 MHz and up to 500 MHz at reduced ratings.
Plate current up to 100 mA per section.
Heater 6.3V AC at 1.8 AMps.
Typically used as an 80w to 100W HF or VHF amplifier.
Dual beam forming power tetrode...
7-pin base
Excellent like new/working condition.
QTY 1 available for $5.00 plus shipping

http://www.radiovilag.hu/images/QQE06-40.pdf
Here is an interesting 350W amplifier using three of these!
http://www.vk3nx.com/files/50MHzAmp.pdf

73 - Brian, AF4K

# 608. RE: VHF-UHF power tubes

Yahoo group: hamradiohomebrew
Date: 2012-01-18 11:54:27 UTC
From: Bry Carling
Topic: 608  Message: 608

Thanks Glen. I was trying to find the equivalent on the web yesterday and didn't come up with that. If I am not mistaken the 5894 has a smaller, "younger brother" tube also. Something like 5874.

Bry, AF4K

On 17 Jan 2012 at 18:22, Glen Zook wrote:

Date sent: Tue, 17 Jan 2012 18:22:52 -0800 (PST)
From: Glen Zook <gzook@...>

> QQE60/40 is just the European number for the 5894A.  Amperex,
> Phillips, etc., often cross branded their tubes with both numbers.
>
>
>
> Glen, K9STH

# 609. FS: Antique NOS, 4-pin tube sockets etc. etc.

Yahoo group: hamradiohomebrew
Date: 2012-01-18 22:53:03 UTC
From: Bry Carling
Topic: 609  Message: 609

FOR SALE: New Old Stock (NOS) tube sockets and a nice MIC cable

Single large, flat contact, Ceramic 4 pin socket NOS.
Outer diameter abt 3.5" with metal bayonet for approx 1.75" diameter tube base.
Presumably for 211 type tubes, best that I remember.
QTY 2 NOS sockets available... picture here:
http://www.af4k.com/imag/ham/Single_4pin_socket.jpg
Will sell for $6.00 plus shipping

Pair of large, flat contact, ceramic 4 pin sockets NOS.
Outer diameter abt 3.5" with metal bayonet for 1.75" diameter tube base.
Presumably for 211 type tubes, best that I remember.
QTY 2 NOS sockets available... picture here:
http://www.af4k.com/imag/ham/Two_ceramic_4pin_sockets.jpg
Will sell the pair for $12.00 plus shipping

Single Ceramic Bayonet Socket, NOS, smaller. BIRNBACH No. 435.
Outer diameter 2.5" with metal bayonet for approx 1.25" diameter tube base.
QTY 1 NOS socket available... (two more of the same below) picture here:
http://www.af4k.com/imag/ham/Single_ceramic_bayonet.jpg
Will sell for $6.00 plus shipping

Pair of Ceramic Bayonet Sockets by NATIONAL CO. (NC logo), NOS.
Outer diameter 2.5" with metal bayonet for approx 1.25" diameter tube base.
QTY 1 NOS socket available... (same size as single one above) picture here:
http://www.af4k.com/imag/ham/Two_ceramic_bayonet_sockets.jpg
Will sell for $6.00 plus shipping

Group of FIVE NOS Bakelite, 4-pin Tube sockets - unused.
These are all made for 4-pin sube sin various styles. Two have bayonet
fittings, the other three do not. These are great for breadboard construction or
for repairing antique radios.
Picture here:
http://www.af4k.com/imag/ham/4-pin_Tube_Sockets.jpg
Will sell all five as a group for $15.00 plus shipping

Microphone Cable assembly for older ham transmitters - with classy, in-line Binding
post/Banana jack connector. Shielded cable is 36 inches long. Looks new. See
pictures here:
http://www.af4k.com/imag/ham/cable1.jpg
http://www.af4k.com/imag/ham/cable2.jpg
Available for $5.00 plus shipping

Antique Dual Bakelite connector assembly NOS. Dimensions 2-7/8" X 2-5/8"
Has two 4-pin receptacles, and one plug. Mounting holes. Model 14213-6 unused.
Photo here:
http://www.af4k.com/imag/ham/dual_socket.jpg

QTY 1 available for $5.00 plus shipping

QTY 1 James Millen Co. type 37303 ceramic 3-way terminal strip. For connecting external wiring.
Lightly used and in excellent condition. Dimensions 2.25" X 0.5" - there is nothing quite like
these for a professional finish to any receiver or transmitter.
Photo here:
http://www.af4k.com/imag/ham/millen_strip.jpg
QTY 1 available for $5.00 plus shipping

QTY 1 - Right Angle Drive assembly. Military Surplus type MC-203-A Dual 90 degree, 3-way, antique drive assembly, with small gears inside.
Black wrinkle finish. Looks like 3 type N connectors but if you look inside there are gears.
NOS. Base dimensions 2.5" X 2" and the connectors each protrude 9/16"
Has two 3 threaded receptacles, and has four mounting holes. New and unused. Also stamped AC58139 underneath. Does anyone know what equipment this is from?!
Photo here:
http://www.af4k.com/imag/ham/MC-203-A.jpg
QTY 1 available for $4.00 plus shipping

I still have just a few 807 tubes left if anybody needs them.

73 & thanks for looking - Bry, AF4K

# 610. FS: Receiver / Homebrewer / Test Gear Crystals

Yahoo group: hamradiohomebrew
Date: 2012-01-23 14:47:30 UTC
From: Bry Carling
Topic: 610  Message: 610

FOR SALE:
Receiver / Homebrewer / Test Gear Crystals

1000 kHz hc6u crystals - new, excellent QTY 8
1400 kHz hc6u crystals - new, excellent QTY 2
1600 kHz hc6u crystals - new, excellent QTY 1
1700 kHz hc6u crystals - new, excellent QTY 6

The above are all available for $16.00 each plus shipping.

100 kHz calibrator crystals - hc13u (Tall version of hc6u) - as used in most amateur equipment. QTY 8 available for $19.00 each plus shipping

73 - Brian, AF4K

# 611. FS: Allen-Bradley Pot Assortments etc.

Yahoo group: hamradiohomebrew
Date: 2012-01-23 15:39:09 UTC
From: Bry Carling
Topic: 611  Message: 611

FOR SALE: Allen-Bradley Pot Assortments

While I could never be accused of selling pot, I do have a large number of good potentiometers to sell. Most of us kno wthat Allen-Bradley makes som of the very best potentiometers ever.

Most of these are new, USA made items, several are removed from working equipment.

POT ASSORTMENT #1 - Mostly TYPE J and TYPE P.
QTY 55 A-B pots, maybe a couple of Ohmite that look jusy the same. All 1/4" shafts. Many full length. Some are trimmer length. Includes 250, 1K, Dual 1K, 3.5K, 5K, 10K, 15K, 25K, 250K, 1.0M, 1.5M, Dual 10 M - total of 55 potentiomeneters available for $25.00 plus shipping.

POT ASSORTMENT #2 - Mostly TYPE J and TYPE P.
QTY 55 A-B pots, a couple of them are Ohmite. All have the standard 1/4" shafts. Many full length. Several are trimmer length pots. Includes: 50, 1K, 10K, 50K, 100K, 250K, Dual 500K full shaft, Dual 500K shorter shaft, 1.0 M, 2.5 M, 5 M, 10 M - total of 55 potentiomeneters available for $25.00 plus shipping.

POT ASSORTMENT #3 - Allen Bradley Type J yellow plastic pots with 1/4" shafts.
QTY 7 A-B pots with 200 ohms
QTY 3 A-B pots with 1000 ohns
QTY 2 CTS 250K pots New in Box pots with long 1/4" shafts
QTY 1 Centralab 1000 Ohms, new in box, long shaft, mix of new and used.
Total of 13 potentiometers available for $8.00 plus shipping

POT ASSORTMENT #4 - Precision multiturn pots - Bourns, Spectrol and Clarostat.
QTY 12 total, including 1K, 10K, 20K and 100K pots, mix of new and used.
Total of 12 potentiometers available for $8.00 plus shipping

POT ASSORTMENT #5 - QTY 18 slider pots - nos, audio faders by Stackpole, Dale etc.
QTY 5 X 10K
QTY 5 X 20K
QTY 5 X 30K
QTY 3 X 100K
Total of 18 potentiometers available for $9.00 plus shipping

NON-Allen-Bradley potentiometer asortments -

POT ASSORTMENT #6 - QTY 30 Various brands of potentiometers, mix of new and used.
Some dual pots. All 1/4" shafts, mostly full length. Includes values such as:
1K, 25K, 100K, 1 M, 5M etc.
Total of 30 potentiometers available for $12.00 plus shipping

POT ASSORTMENT #7 - QTY 30 Various brands of potentiometers, mix of new and used.
Some dual pots. All 1/4" shafts, mostly full length. Includes values such as:

1K, 25K, 100K, 1 M, 5M etc.
Total of 30 potentiometers available for $12.00 plus shipping

Please don't ask me if these are audio taper (logarithmic) or linear taper (I have NO idea!)
Also - please don't ask me if I have specific pots. I don't really have a way to hunt for them.

Contact me off the list to arrange purchase.

Thanks & 73 - Brian, AF4K

# 612. REDUCED: NOS Antique Tube Sockets and rado parts

Yahoo group: hamradiohomebrew
Date: 2012-01-23 21:33:36 UTC
From: Bry Carling
Topic: 612  Message: 612

REDUCED: some great antique radio parts, including a whole bunch of top quality ceramic tube sockets.

Great for building repro equipment of the 30s and 40s or repairing antique rigs.
Everything listed below was selling previously for a total of $55.00 plus shipping.
If somebody wants all of these items, I will reduce them to $32.00 firm, plus shipping.

Single large, flat contact, Ceramic 4 pin socket NOS.
Outer diameter abt 3.5" with metal bayonet for approx 1.75" diameter tube base.
Presumably for 211 type tubes, best that I remember.
QTY 2 NOS sockets available... picture here:
http://www.af4k.com/imag/ham/Single_4pin_socket.jpg

Pair of large, flat contact, ceramic 4 pin sockets NOS.
Outer diameter abt 3.5" with metal bayonet for 1.75" diameter tube base.
Presumably for 211 type tubes, best that I remember.
QTY 2 NOS sockets available... picture here:
http://www.af4k.com/imag/ham/Two_ceramic_4pin_sockets.jpg

Single Ceramic Bayonet Socket, NOS, smaller. BIRNBACH No. 435.
Outer diameter 2.5" with metal bayonet for approx 1.25" diameter tube base.
QTY 1 NOS socket available... (two more of the same below) picture here:
http://www.af4k.com/imag/ham/Single_ceramic_bayonet.jpg

Pair of Ceramic Bayonet Sockets by NATIONAL CO. (NC logo), NOS.
Outer diameter 2.5" with metal bayonet for approx 1.25" diameter tube base.
QTY 1 NOS socket available... (same size as single one above) picture here:
http://www.af4k.com/imag/ham/Two_ceramic_bayonet_sockets.jpg

Group of FIVE NOS Bakelite, 4-pin Tube sockets - unused.
These are all made for 4-pin sube sin various styles. Two have bayonet fittings, the other three do not. These are great for breadboard construction or
for repairing antique radios.
Picture here:
http://www.af4k.com/imag/ham/4-pin_Tube_Sockets.jpg

Antique Dual Bakelite connector assembly NOS. Dimensions 2-7/8" X 2-5/8"
Has two 4-pin receptacles, and one plug. Mounting holes. Model 14213-6 unused.
Photo here:
http://www.af4k.com/imag/ham/dual_socket.jpg

QTY 1 James Millen Co. type 37303 ceramic 3-way terminal strip. For connecting external
wiring.
Lightly used and in excellent condition. Dimensions 2.25" X 0.5" - there is nothing quite like
these for a professional finish to any receiver or transmitter.
Photo here:
http://www.af4k.com/imag/ham/millen_strip.jpg

# 613. REDUCED: Boxes of Electrolytic Capacitors

Yahoo group: hamradiohomebrew
Date: 2012-02-03 20:07:22 UTC
From: Bry Carling
Topic: 613  Message: 613

FOR SALE: ELECTROLYTIC CAPACITORS

Mix of radial, axial, upright can etc. - some are NOS.  Most are new.
(a few are be good, used tested caps)

BOX #1  =  QTY 35 electrolytic CAPACITORS
QTY 2,  0.068 uF at 630 V
QTY 2,  0.056 uF at 630 V
QTY 1,  4 uF at 600 V
QTY 2,  8 uF at 450 V
QTY 1,  8 + 8 uF at 450 V
QTY 2,  16 uF at 450 V
QTY 1,  125 uF at 450 V
QTY 1,  10 + 10 uF at 450 V
QTY 2,  820 uF at 450 V
QTY 1,  40 uF at 450 V
QTY 1,  68 uF at 400 V
QTY 4,  220 uF at 400V
QTY 2,  33 uF at 400V
QTY 1,  40 + 20 + 10 uF at 350 V
QTY 1,  22 uF at 350 V
QTY 1,  10 uF at 350 V
QTY 1,  100 uF at 250 V
QTY 1,  100 uF at 200 V
QTY 1,  4700 uF at 35 V
QTY 1,  4.7 uF at 35 V
QTY 2,  2200 uF at 25 V
QTY 4,  100 uF at 25 V
Total of 35 excellent capacitors for $29.00 plus $12.00 shipping

BOX #2  =  QTY 40 electrolytic CAPACITORS
Mix of radial, axial, upright can - some NOS. Almost all are new.
QTY 2,   0.068 uF at 630 V
QTY 2,   0.056 uF at 630 V
QTY 1,   16 uF at 600V
QTY 1,   0.47 uF at 600V
QTY 2,   47 uF at 450 V
QTY 1,   20 uF at 450 V
QTY 1,   10 + 10 uF at 450 V
QTY 3,   82 uF at 400 V
QTY 5,   220 uF at 400 V
QTY 1,   33 uF at 400 V
QTY 3,   0.47 uF at 400 V
QTY 1,   22 uF at 350 V
QTY 1,   3 uF at 350 V
QTY 1,   47 uF at 250 V

QTY 1,   33 uF at 250 V
QTY 1,   270 uF at 200 V
QTY 1,   100 uF at 200 V
QTY 1,   1 uF at 200 V
QTY 1,   1000 uF at 50 V
QTY 2,   2200 uF at 35 V
QTY 1,   4.7 uF at 35 V
QTY 1,   1000 uF at 25 V
QTY 5,   100 uF at 25 V
QTY 1,   2200 uF at 16 V
Total of 40 excellent capacitors for $29.00 plus $12.00 shipping

BOX #3 = QTY 30 electrolytic CAPACITORS
Mix of radial, axial, upright can - some NOS. Almost all are new.
QTY 2,   0.068 uF at 630 V
QTY 2,   0.056 uF at 630 V
QTY 1,   16 uF at 600 V
QTY 1,   125 uF at 450 V
QTY 1,   30 uF at 450 V
QTY 1,   20 uF at 450 V
QTY 3,   16 uF at 450 V
QTY 4,   20 + 20 uF at 450 V
QTY 8,   220 uF at 400 V
QTY 3,   270 uF at 400 V
QTY 1,   82 uF at 400 V
QTY 1,   33 uF at 400 V
QTY 2,   1500 uF at 250 V
Great group of capacitors for a low price.  $29.00 plus $12.00 shipping

73 - Bry, AF4K

# 614. FS: Military Surplus Crystal cases and crystals

Yahoo group: hamradiohomebrew
Date: 2012-02-03 20:16:40 UTC
From: Bry Carling
Topic: 614  Message: 614

FOR SALE:

TYPE BX40 crystal case - holds 120 standard FT243 crystals or similar.
Excellent condition - QTY 4 available for $29.00 each plus shipping

Excellent condition - TYPE CS-137 crystal case - holds 120 standard FT243 crystals or similar.
QTY 2 available for $29.00 each plus shipping

Pictures available for both...

Numerous FT243 crystals available, many for the ham bands, including 7025, 7050, 7075, 7100 kHz etc. Available for $14.00 each plus shipping.

Thanks for looking and 73 - Brian Carling, AF4K

# 615. FS: Ham band hc6u crystals

Yahoo group: hamradiohomebrew
Date: 2012-02-04 11:11:47 UTC
From: Bry Carling
Topic: 615  Message: 615

FOR SALE: hc6/u crystals for the amateur radio bands.

These are for Hallicrafters radios:

5.0 MHz, 6.0 MHz, 6.5 MHz, 7.0 MHz, 7.5 MHz, 8.0 MHz, 8.5 MHz, 9.0 MHz, 10.0 MHz,
11.0 MHz, 12.0 MHz, 12.5 MHz - Available for $16.00 each plus shipping.
(others available = inquire)

These are available for Drake 4 Line radios:
12.6 MHz, 13.6 MHz, 14.1 MHz, 14.6 MHz, 17.1 MHz, 17.6 MHz, 18.1 MHz, 19.1 MHz,
19.6 MHz, 20.6 MHz, 20.8 MHz (Drake recommended for 30m band), 22.1 MHz,
22.6 MHz, 29.1 MHz, 31.6 MHz, 32.6 MHz, 35.6 MHz, 38.1 MHz, 39.1 MHz, 39.6 MHz,
40.1 MHz, 40.6 MHz, 43.6 MHz

These are available for Drake 2 Line radios:
13.5 MHz, 17.5 MHz, 24.0 MHz, 24.5 MHz, 25.0 MHz, 30.0 MHz

Collins: Most are now available including 10.5775 MHz, 13.155 MHz, 13.9775 MHz,
15.7275 MHz, 15.8275, 15.9275 MHz and many more.

Others available: (many more also)
1000 kHz, 1400 kHz, 1600 kHz, 1700 kHz, 5355 kHz, 5360 kHz, 8998.5 kHz, 9.0 MHz,
10.0 MHz, 10.7 MHz, 15.0 MHz, 15.2 MHz, 16.0 MHz, 18.0 MHz, 20.0 MHz, 21.0 MHz,
21.1 MHz, 21.5 MHz, 27.0 MHz, 28.0 MHz, 30.0 MHz, 30.52 MHz, 32.0 MHz,
33.52 MHz, 34.5 MHz, 34.7 MHz, 35.0 MHz, 35.5 MHz, 36.0 MHz, 38.0 MHz, 42.5 MHz,
43.0 MHz, 43.5 MHz,

Most of the above are available now for $16.00 each plus shipping.
(some of the non-amateur-band Collins ones are $12.00 each)

For details see:
http://www.af4k.com/hc6u_crystals.htm
Pictures of various style crystals:
http://www.af4k.com/crystal_holders.htm

73 - Bry Carling, AF4K

# 616. FS: COLLINS KWM-2 / 2-A Power Transformer

Yahoo group: hamradiohomebrew
Date: 2012-02-11 20:26:56 UTC
From: Bry Carling
Topic: 616  Message: 616

FOR SALE: COLLINS KWM-2 / 2-A Power Transformer

COLLINS P/N 662-0033-00

As used in the PM2 power supply. This is a brand new Part made by Ballantine Company. Type BC-2950A, with the selectable 115V / 230V AC primary at 50-60 Hz, single phase.

Secondaries provide:
325 V at 230 mA
230 V at 370 mA
110 V at 30 mA
6.3 V at 10.0 A

New unused transformer, quantity one available for $85.00 plus shipping.

73 de AF4K, Bry

# 617. FS: Bud Codemaster CW oscillator

Yahoo group: hamradiohomebrew
Date: 2012-02-11 21:05:11 UTC
From: Bry Carling
Topic: 617  Message: 617

FOR SALE: Bud Codemaster CW oscillator

One of the nicest one I have seen. Excellent condition.

Available for $5.00 plus shipping

# 618. Ham Test Equipment

Yahoo group: hamradiohomebrew
Date: 2012-02-11 21:13:55 UTC
From: Bry Carling
Topic: 618  Message: 618

FOR SALE: Ham Test Equipment

EICO710 Grid Dip Meter with coils. Good working condition.
No box or manual. Available for $39.00 plus shipping.

Heathkit IG-18 signal generator - has all the correct parts, Heathkit knobs, power supply etc.
all in great shape. The case is in semi-grubby condition and needs paint. Sold as-is for
$35.00 plus shipping

Heathkit IG-28 signal generator - has all the correct parts, Heathkit knobs, power supply etc.
all in great shape. The case is in semi-grubby condition and needs paint. Sold as-is for
$25.00 plus shipping

73 - Bry, AF4K

# 619. FS: Two Vintage Ham Transmitters

Yahoo group: hamradiohomebrew
Date: 2012-02-11 21:27:39 UTC
From: Bry Carling
Topic: 619  Message: 619

FOR SALE: Two Vintage Ham Transmitters

AMECO TX62, a 75 watt AM-CW Transmitter in excellent shape.
This TX-62 is one of the best I have seen. This is a dual band VHF transmitter for the 6m, and 2m amateur bands. Comes with a copy of the manual.

Pictures available.
Will sell for $75.00 plus shipping.
http://www.n4mw.com/TX62.pdf

= = =

GONSET COMMUNICATOR II CIVIL DEFENSE Transceiver, in excellent shape.
Delightful bright yellow case is all original. Everything looks to be in great shape inside and out. One original small knob is missing. Otherwise complete in every way and in good shape. This is a 2m AM Transmitter. Includes one crystal for popular AM calling frequency of 144.450 MHz (the crystal is at 8025 kHz) - it's an original FT243 crystal. These
crystals normally sell for around $12 - $15 each.
Comes with a copy of the manual. Pictures available.
Will sell for $65.00 plus shipping

73 - Bry, AF4K

# 620. New Kid here;

Yahoo group: hamradiohomebrew
Date: 2012-02-12 14:34:49 UTC
From: rmyers2051
Topic: 620  Message: 620

Being the new kid here I studied every picture in the photo gallery and am quite impressed! I especially am impressed with all that WA6MHZ has built and photo'd. The wiring on thos projects is as clean or cleaner than any store bought stuff I ever peeked into. Very nice job, and when you decide to sell off your projects to fund more, drop me a note with any items you wish to part with!

# 621. Re: [hamradiohomebrew] New Kid here;

Yahoo group: hamradiohomebrew
Date: 2012-02-12 18:20:57 UTC
From: Bry Carling
Topic: 620  Message: 621

Dear rmyers2051

Welcome aboard. May we address you by name please?

What kind of things do you like to build? Let us know if we can help you with anything and again, welcome to the HRHB group!

73 - Bry, AF4K

On 12 Feb 2012 at 14:34, rmyers2051 wrote:

> Being the new kid here I studied every picture in the photo gallery
> and am quite impressed!
> I especially am impressed with all that WA6MHZ has built and
> photo'd. The wiring on thos projects is as clean or cleaner than any
> store bought stuff I ever peeked into. Very nice job, and when you
> decide to sell off your projects to fund more, drop me a note with
> any items you wish to part with!
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> Yahoo! Groups Links
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# 622. Re: [hamradiohomebrew] New Kid here;

Yahoo group: hamradiohomebrew
Date: 2012-02-12 18:46:05 UTC
From: Bob Myers
Topic: 620  Message: 622

Bob is my name, KV8OOA is the call, Paris Ky. I do simple things, radio interface to motorcyle audio and goofy stuff like that, usually only for myself.

# 623. FS: HV Variable Capacitor 220 pF

Yahoo group: hamradiohomebrew
Date: 2012-02-13 13:22:43 UTC
From: Bry Carling
Topic: 623  Message: 623

FOR SALE: NATIONAL RADIO CO. Variable Capacitor 110pF + 110 pF

This is a split stator 220 pF variable capacitor that can be configuered either for 220 pF or
two sections of 110 pF each. Looks to be good for around 3 kV or more.

Ceramic frame measures 6" X 4" X 3-1/2" and has a standard 1/4" shaft that is 1-1/2" long.

QTY 1 available for $22.00 plus shipping

(I have flexible, insulated 1/4" couplings if anyone needs some!)

73 - Bry, AF4K

# 624. FS: Hallicrafters Receivers, more

Yahoo group: hamradiohomebrew
Date: 2012-02-15 22:19:58 UTC
From: Bry Carling
Topic: 624  Message: 624

REDUCED GONSET COMMUNICATOR II. Now $55.00 plus shipping

Hallicrafters Receivers

S38C Extra nice - $85.00 plus shipping

Two S-94 VHF monitor receivers. One in excellent shape, and one not so good.
Priced at $69.00 and $39.00 plus shipping.

Ameco TX-62 Transmitter in great shape with crystals - $75.00 plus shipping.

Lafayette receiver external speaker accessory. Nice, $25.00

Uniden HR2510 ten meter multimode rog - 25 watts - available for $50.00 plus shipping.
(nice, but needs work, no mic)

Astatic D104 desk microphone $39.00 plus shipping

Pictures and details at:

http://af4k.com/radios.htm

73 - Brian, AF4K

# 625. FS: Tubes $1 to $20

Yahoo group: hamradiohomebrew
Date: 2012-02-18 03:44:27 UTC
From: Bry Carling
Topic: 625  Message: 625

FOR SALE: TUBES

QTY 2 - TUNGSOL 5881/6L6WGB - Pair for $40.00
(These are JAN-CTL, USA made)

QTY 1 - Tungsol 6SL7 - $8.00

QTY 1 G.E. 5R4GB - $5.00

QTY 1 - TRONYX 5U4G - $4.00

QTY 1 - Phillips QQE06-40 - $6.00

QTY 1 - Western Electric 14A Ballst Tube - $3.00

QTY 1 - Type 837 transmitting tube - $6.00

QTY 1 - 40KD6 marked as Silvertone - $5.00

QTY 1 - NEW Sylvania 40KD6 in Box - $9.00

QTY 2 - New G.E. 2E26 - Pair for $8.00

QTY 1 - G.E. 6AK5 tube - NIB - $1.00

QTY 1 - G.E. 6EV5 tube - NIB - $1.00

QTY 1 - G.E. 8156 Compactron - NIB - $2.00

QTY 1 - G.E. 6661 / 6BH6 tube - NIB - $5.00

QTY 1 - G.E. 6663 / 6AL5W tube - NIB - $2.00

QTY 1 - G.E. 6681 / 12AX7WA tube - NIB - $25.00

QTY 1 - G.E. 6999 / 6AK6 tube - NIB - $2.00

QTY 1 - G.E. 7984 tube - NIB - $6.00

Some of these look new but everything above the new SYlvania 40KD6 will be sold as "good used" to be sure.

Shipping additional.

I will have more soon. Thanks for looking - 73 de AF4K, Bry

# 628. FS: MC Jones Micromatch RF Meter etc.

Yahoo group: hamradiohomebrew
Date: 2012-02-27 18:59:53 UTC
From: Bry Carling
Topic: 628  Message: 628

FOR SALE:

MC Jones Micromatch RF Meter - (meter only) - $25.00
Picture and details at the link below.

USA Military Surplus CS-137 Crystal Case, extra nice (1 only) - $39.00

USA Military Surplus BX40 Crystal Cases - $39.00 each

USA Military Surplus ORP - AN/TRC-19 Crystal Case (1 only) - $25.00

ASTATIC D104 Microphone - $39.00

FT243 sockets - Millen style - new, plastic - $8.00 each

FT243 socket - new, single black (1 only) - $6.00

FT243 socket - DUAL brown phenolic (1 only) - $8.00

100 kHz Calibrator Crystal HC13/U (TALL HC6U ) - $19.00
hchc6/u and 13/u sockets, ceramic, new - $3.00 each

Shipping additional.

Pictures and details:
http://www.af4k.com/miscpart.htm

73 - Bry, AF4K

# 629. FS: Electrolytic Can Capacitors - NIB

Yahoo group: hamradiohomebrew
Date: 2012-02-28 19:49:07 UTC
From: Bry Carling
Topic: 629  Message: 629

FOR SALE: Electrolytic Can Capacitors - new in boxes.

Triple can electrolytics, USA made - great for antique radio restoration or homebrew tube construction. Each capacitor has 40 uF + 20 uF + 20 uF at 250v DC. Vertical chassis-mount style. Illinois Condenser Co. About 2.5" tall and 1.125'" diameter.

QTY 15 available for $4.00 each or take all for $48.00
shipping additional.

73 - Bry, AF4K

# 630. FS: Military Surplus BC-669 Crystals

Yahoo group: hamradiohomebrew
Date: 2012-02-28 22:50:48 UTC
From: Bry Carling
Topic: 630  Message: 630

FOR SALE: Military Surplus BC-669 Crystals - Type DC34 and DC35

DC34 crystals have 3/4" pin spacing.

The following HAM FREQUENCIES AVAILABLE for $16.00 each plus shipping:

1720, 1790, 1810, 1850, 1870, 1890, 1910, 1930, 1950 kHz

3500 (QTY 2), 3550, 3610, 3650, 3700 (QTY 2), 3705, 3750 kHz

Updates, pictures and details are available here:

http://www.af4k.com/crystals.htm

73 - Bry, AF4K

# 632. FS: PL259 and SO239 connectors etc.

Yahoo group: hamradiohomebrew
Date: 2012-03-06 12:25:05 UTC
From: Bry Carling
Topic: 632  Message: 632

FOR SALE:

Over 120 plugs, sockets, adapters etc. for RF coaxial connections.

Each group has about 15 - 20 pieces of mostly new / new old stock PL259 and SO 239 connectors and adapters of all kinds. These normally sell for several dollars a piece. Some of
these include a Twinax connector and the odd 'N' connector or adapter etc. These are each available for $12.00 per group plus shipping.

Pictures and details with ordering buttons are available here:

http://www.af4k.com/connects.htm

73 & thanks for looking - Bry, AF4K

# 633. Power Supplies FS

Yahoo group: hamradiohomebrew
Date: 2012-03-06 20:24:23 UTC
From: Ken Simpson, W8EK
Topic: 633  Message: 633

Power Supplies For Sale:

Astron VS-35 M Power Supply:

Astron power supplies feature solid-state electronic regulation, EMI filter, fold back current limiting for protection from excessive current and shorted output. Crowbar over-voltage protection is also provided.

This supply is rated for provide 35 amps ICAS, or 25 amps continuous at 13.8 V DC, so it is more than enough for all of the 100 watt rigs. This model has the voltage adjustable from the front panel from about 5 volts to 15 volts. Current limiting is also adjustable from the front panel, permitting one to set it to protect your solid state rig. Voltmeter and ammeter are included.

This particular unit works 100%, and looks really great. I can not find any scratches on it, although there is one very small defect on the top that one can see if the light is just right.

These sell for about $250 new. Buy this one, with the paper work, for $145.

Kenwood PS-30, 20 amp (at 13 V DC) power supply:
This power supply will furnish up to 20 amps at 13 V DC to power most 100 W output HF transceivers. It also has auxiliary terminals on the back to power an additional rig, such as a 2 m rig. The main connector is the 6 pin molex connector that will match most Kenwood, Icom, and Alinco HF radios, as well as some Yaesu.
This particular unit works 100% and looks very nice.
Paper work included for $90.

TenTec 25 amp switching power supply:

"Switcher / 25" 25 amp switching power supply

This is a 25 amp switching power supply in a case that matches the early Omni series case, with the metal bezel around it. It is in a case that is the same size as a 243 remote VFO. It has an ammeter on the front, along with Switch, TenTec logo, and output bulb. The front panel basically looks like a 280 power supply with a metal bezel, but says "Switcher/25" on it. It is electrically very quiet, and well shielded. It does not produce any electrical noise

that I could find.

Of course it works fine, and looks fine also. $175

Pyramid PS-25 Power Supply (25 amps at 13 V DC):

The Pyramid PS-25 is a 13 Volt DC power supply with both a voltmeter and an ammeter built in. The output voltage is adjustable over a range from about 11.5 to 15.5 volts DC. There is also an adjustment to set the current limiting, up to 25 amps. This means it can be set so that it will protect the finals of a solid state rig. In addition, a buzzer is activated if it goes into over current limiting. This power supply has the features you want!

This particular unit works fine, and looks extremely nice.

With paper work for $80.

Kepco Variable Bench Power Supply:

This variable power supply is a Kepco Model CK 18-3, which means that it will produce up to 18 V DC at up to 3 amps. This is an ideal bench power supply!

The voltage is adjustable with a 10 turn pot from close to zero, up to almost 20 volts. There is a fairly large analog meter that reads the voltage. Built in current limiting is adjustable with a 10 turn pot from a few ma to up to about 3 amps. A separate meter reads the current, so both voltage and current can be read at the same time. Also, there are connections on the back to allow remote sensing and remote programming. This is a quality regulated power supply!

This particular unit works 100%, and looks extremely nice. $160

Kepco Variable Bench Power Supply:

This is an ideal bench power supply! It is a Kepco Model ABC 40-0.5, which means that it will produce from zero up to 40 V DC at up to 1/2 amp. Great for the bench.

The voltage is adjustable with a 10 turn pot from close to zero, up to about 40 volts. There is a fairly large analog meter that reads the voltage. There is also current limiting built in that is adjustable from about 100 ma to up to about 700 ma. The same meter that reads voltage can be switched to read current, or short circuit current (the point that the current limit is set). In addition, there are connections on the back to allow remote sensing and remote programming. This is a quality regulated power supply!

This particular unit works 100%, and looks extremely nice.

These normally sell for $125 to $150 (plus shipping).
Buy this one for $90.

Radio Shack 22-124 Regulated Power Supply
This supply is regulated and will furnish 13 V DC at up
to 2.5 amps. It works fine and looks extremely nice.
I do not find a scratch on it. $20

Olson RA-472 Bench Type Power Supply
This power supply is suitable for low current bench use.
It provides a variable voltage source from about 5 V DC
up to about 15 V DC. It has one knob for course voltage
that is labeled 6 V, 9 V and 12 V. An additional knob
will fine tune the voltage. I do not have specs on this
supply, but I would guess that it is good for maybe 1/3
to 1/2 amp current. It has an analog meter that seems
to be fairly accurate; at least it compares favorably
to my lab type DMM.
This unit is is a utility type power supply. $15

AEA AC-1 "Wall Wart" Power Supply

This "Wall wart" power supply will supply 12 V DC at
up to 1 amp.
It can be used with the AEA PK-232, PK-88 or others.

This unit has a 2.1 mm coaxial power plug, with the
center positive, so it can be used on many different
things that require about 12 V DC at up to an amp,
such as keyers, antenna tuners, etc.

This is a "regular" wall wart -- not the new switching
type that creates all sort of noise in your receiver.
Get this one, and leave the noise behind. $14

Yaesu NC-18 B Charger
Provides 14.5 V DC at 50 ma to charge many different HTs,
including the Yaesu FT-411, FT-811, FT-911, FT-23, FT-209,
FT-415, FT-410, FT-470, FT-727, FT-530, FT-703, and more.
Small 2.5 mm male plug. $10

Kenwood W09-0315 charger
This charger is used to charge the larger PB-21 H batteries
for the TH-21 series, and also on other Kenwood radios.
It has a standard 2.1 mm coaxial connector. $12

Icom DC-25 DC adapter :
This is a pack that is used on the Icom µ2AT, Icom µ4AT, and
on other HTs that use the BP-20, BP-21, BP-22, BP-23 and
BP-24 battery packs. It takes 13 V DC (such as from a
cigarette lighter), and converts it to the 9.4 V DC voltage
needed for the HT. It is used in place of a battery.
This one works fine and looks fine. $18

Icom BC-127 A, Battery Charger for Icom IC-Q7A
Dual Band HT:
This charger charges two AA NiCads (or NiMH) for the
IC-Q7 A Dual band HT, and Icom R-2 receiver, and probably
others.
This one appears to be new, unused, still in its bag.
Icom lists them at $21.
Buy this one for $12.

I also have many other accessories available such as many
different types of microphones, HTs, VHF and UHF rigs, HF
and VHF/UHF antennas, etc.
Just too many to list here. Please e-mail your requests.

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

# 634. FS: OLDER ORIGINAL MILITARY RADIO CRYSTALS

Yahoo group: hamradiohomebrew
Date: 2012-03-10 20:34:37 UTC
From: Bry Carling
Topic: 634  Message: 634

FOR SALE: ORIGINAL OLDER MILITARY RADIO CRYSTALS
ALL FOR THE AMATEUR BANDS... BC610, BC699, BC611 crystals etc.

CR1A originals for the ARC3, SCR522 radios etc. etc.
http://af4k.com/CR1A_crystals.htm

FT243 Original Full-sized Crystals from WW2 era
http://af4k.com/FT243_CRYSTALS_Originals.htm

DC34 Original Larger Crystals from WW2 era
http://af4k.com/DC34_crystals.htm

Pictures of crystal case and sizes with full dimensions may be found here:
http://af4k.com/crystal_holders.htm

73 and thanks for looking - Bry, AF4K

# 635. need a simple 2m or 144mhz sdr circuit

Yahoo group: hamradiohomebrew
Date: 2012-03-21 10:07:52 UTC
From: shubham
Topic: 635  Message: 635

hi
i am trying to construct a sdr for 2m or 144mhz for my shack ,
can any one give me any details about a simple circuit for 2m sdr??
kindly help
thanks..
shubham

# 636. FS: Sweep Tubes etc.

Yahoo group: hamradiohomebrew
Date: 2012-03-31 14:01:59 UTC
From: Bry Carling
Topic: 636  Message: 636

For Sale: Sweep Tubes - some New No Box, New In Box... some Used Tested or Used Tested w/Box.
(NNB, NIB / UT / UTB) - Quantity 1 unless stated otherwise.

Ameritron AL-84 used four 6JM6 tubes in it. Sweep tubes were used one Yaesu linear amp. Many amplifiers and radios use 6KD6es and the Yaseu FL-1000 used 6JS6A's. Yaesu used sweep tubes in the finals of the FT-101 series, 6JS6C. Swan used sweep tubes. The Siltronix 1011c and many other CB amplifiers use sweep tubes of various voltages. They say that Galaxy WRL made a 10 sweep tube legal limit amplifier. I never saw one.

6CD6GA - RCA - UT - $1.50

6DQ5 - Westinghouse - NIB - $5.00
6DQ5 - Westinghouse - New, NB - $5.00

6GV5 - Zenith USA - UT - $1.00

6JB5 / 6HE5 - General Electric - NIB - $2.50

6JB6 - RCA - USA - UTIB - $5.00
6JB6 - Sylvania USA - UTIB - $5.00

6JE6B - General Electric USA - UT - $8.00
6JE6 - USA - UT - $6.00
6JE6 - RCA, USA - UIB - $8.00
6JE6C / 6LQ6C - Magnavox USA - UT - $8.00
6JE6C - Westinghouse USA - UT - $8.00

6JM6A - RCA, USA - NIB - $3.00

6JS6C SYLVANIA USA - UT - $15.00
6JS6C USA - UT - QTY 3 - $15.00 each
6JS6C NEC JAPAN - UT - $15.00

6JZ6 - USA - UT - $1.50

6KD6 ITT, Japan - UTB - $10.00
6KD6 Raytheon, Japan Green Stripe - UTB - $10.00

6KM6 - RCA USA - NIB - $5.00

6LB6 - General Electric USA - NIB - $15.00
6LB6 - USA - UT - $7.00

6LF6/6MH6 - International Servicemaster USA - UT - $15.00

6LQ6 - Sylvania USA - UT - $12.00
6LQ6 - RCA - USA - UT - $12.00

6MJ6 - USA - UT - QTY 3 for $18.00 each

12JB6A - RCA USA - NIB - QTY 2 - $8.00 each
17DQ6B / 17GW6 - ITT Japan - NIB - QTY 2 available for $3.00 each

21JS6A - Realistic Japan - NIB - $8.00
25CD6GB - General Electric USA - NIB - $3.00

31JS6C - Sylvania - USA - NIB - $8.00
40KD6 Raytheon, Japan Green Stripe - NIB - $11.00

3DS3 - oddball General Electric, USA - "55% LEAD OXIDE" - New - $2.00
837 - RCA, USA - UT - $10.00
5894 AMPEREX - UTB - $10.00

Shipping will be additional. Please e-mail me off the list:
bcarling@...

73 - Bry, AF4K

# 637. FS: Greenlee Punch

Yahoo group: hamradiohomebrew
Date: 2012-04-06 14:57:21 UTC
From: Bry Carling
Topic: 637  Message: 637

FOR SALE:

Greenlee Punch - 5/8 inch diameter punch for round holes.
Perfect for installing most 7-pin miniature tube sockets or other similar sized items into an aluminum chassis, front panel etc.

New price for these seems to be around $45.00 to $46.00.

One available for $25.00 plus shipping

73 - Bry, AF4K

# 638. FS: Groups of PL259 - SO239 Connectors

Yahoo group: hamradiohomebrew
Date: 2012-04-06 15:09:59 UTC
From: Bry Carling
Topic: 638  Message: 638

FOR SALE:

Over PL259 / SO239 plugs, sockets, adapters etc. for RF coaxial connections.

Each group has about 15 - 20 pieces of mostly new / new old stock PL259 and SO 239 connectors and adapters of all kinds. These normally sell for several
dollars a piece. Some of these include a few odd 'N' connector or adapter etc. I have added a couple of other pieces
to these kits to sweeten the deal.

The remaining groups are each available for $12.00 per group plus shipping.

Pictures and details with ordering buttons are available here:

http://www.af4k.com/connects.htm

73 & thanks for looking - Bry, AF4K

# 639. FS: 80M CRYSTALS, HC6U

Yahoo group: hamradiohomebrew
Date: 2012-04-09 10:22:45 UTC
From: Bry Carling
Topic: 639  Message: 639

FOR SALE:
80M CRYSTALS, HC6U type

Quantity 1 each:
3.778 MHz
3.781 MHz
3.788 MHz

Available for $12.00 each plus shipping.
Or - Take all three for $30.00 plus shipping.

73 - Bry, AF4K

# 640. FS: Carbon Comp Resistors etc.

Yahoo group: hamradiohomebrew
Date: 2012-04-09 16:21:10 UTC
From: Bry Carling
Topic: 640  Message: 640

FOR SALE: CARBON COMPOSITION RESISTORS

Here are some grab bag assortments of ALL NEW 2 WATT, 1 WATT and 1/2 WATT resistors, with a good mix of values from 1 ohm to 15 Megohms. Authentic parts made by Ohmite, IRC etc. Ideal for homebrewing and repairs tube radio transmtters and receivers etc.
1 Watt and 2 Watt resistors usually cost around $1.50 to $3.00 each when you can find them... Half watt resistors are $2.00 each at Radio Shack. A Surplus Place in Nebraska sells
them for $10 to $15.00 for a 50 pack.

SPECIAL: The first 5 orders will get a free bag of 100 new resistors.

2 WATT Resistors Packs - Quantity 50 - $10.00 each
1 WATT Resistor Packs - Quantity 100 - $10.00 each
1/2 WATT Resistors Packs - Quantity 100 - $8.00 each
LARGE MIXED BAG of 500 - 2 Watt, 1 Watt and 1/2 WATT mix of mostly New and Good Used Resistors - Quantity over 500. All for $12.00

Also: LARGE BLEEDER RESISTORS FOR LARGE TRANSMITTER PROJECTS:
Examples:
12Kohms at 40 Watts $9.00
50,000 ohms at 100 watts $18.00
25,000 ohms at 100 watts $19.00
15,000 ohms at 120 watts $16.00
16,000 ohms at 50 watts $13.00

ALSO - most "Common Values" of the 2 Watt and 1 Watt resistors are available. From 1 ohms to 22 Megohms.
A few exceptions are unavailable such as 100 K, but I do have some 110 K which will work fine in most applications.
These are brand new resistors with full lead length and are excellent 5% and 1% components.
Available for the following prices:
2 Watt = $2.00 each / ten or more of same value for $1.75 each
1 Watt = $1.00 each / ten or more of same value for $0.80 each
1/2 Watt = $0.70 each / ten or more of same value for $0.60 each
Shipping additional.

Pictures and details:
http://af4k.com/resistors.htm

73 - Bry, AF4K

# 641. FS: Crystal Converters

Yahoo group: hamradiohomebrew
Date: 2012-04-14 22:20:57 UTC
From: Bry Carling
Topic: 641  Message: 641

FOR SALE: Brand new Peterson Radio Co. Crystal Converters.

Several of these for sale, and they are brand new. All are made for 455 kHz i.f. output, and
offer fixed local oscillator and rf amp-mixer stage for conversion to popular i.f of 455 kHz.
See pictures at web site below. I do not have a diagram, but perhaps it is stll available from
Peterson. In any event, it is going to be easy to figureout, since these two transistor converters have input, output and power connections on the PC boards, that should be fairly obvious. Fun project - these could easily be adapted to 6m, 10m and 30m operation - or use as an oscillator or other project.

Input receive frequency is shown. Crystal frequency will be 455 kHz away. You will find ordering the ordering buttons at link below.

One each: 10.000 MHz, 39.050 MHz, 45.060 MHz and 48.150 MHz, ALSO: for 39.500 MHz -
I have an initial quantity of 3. All others are one each. Price is $3.00 each plus shipping, while
they last!

Pictures, details and ordering page here:
http://af4k.com/miscpart.htm

73 - Bry, AF4K

# 642. FS: Western Electric Tubes

Yahoo group: hamradiohomebrew
Date: 2012-04-17 23:20:32 UTC
From: Bry Carling
Topic: 642  Message: 642

FOR SALE:

Western Electric 717A tubes - These are great little Miniature Octal base tubes often used to soup up front end RF stage on the Hammarlund HQ129 series receivers or the 2-40D for higher gain in the HF bands.

These typically go for about $17.00 each. For example:
Item# 110845315197 at that place.

Good used, tested condition, like the others... only far less. I will sell the pair for $10.00 plus shipping.

73 - Bry, AF4K

# 643. FS: Four 80m crystals $24.00

Yahoo group: hamradiohomebrew
Date: 2012-04-19 02:13:41 UTC
From: Bry Carling
Topic: 643  Message: 643

FOR SALE:

Group of four nice, new condition 80m ham band crystals, like new.

These are hc6u crystals on:

3.777 MHz
3.778 MHz
3.781 MHz
and
3.787 MHz

Will sell the whole bunch for $24.00 plus shipping.

http://af4k.com/hc6u_crystals.htm#group4

73 - Bry, AF4K

# 644. REDUCED: Ham Band hc6u Crystals

Yahoo group: hamradiohomebrew
Date: 2012-04-22 13:28:57 UTC
From: Bry Carling
Topic: 644  Message: 644

REDUCED: Ham Band hc6u Crystals
(prices are for these groups only)

$2.50 crystals for 80m band:
Group of four nice, new 80m ham band hc6u crystals on 3742.0 kHz.
QUANTITY of 4 - 3742.0 kHz crystals - Type hc6u - Share some with a friend!
Will sell as groups of 4 for $10.00 plus shipping.

ALSO REDUCED Group of SIX ham band crystals under $5.00 each.
Group of six nice, new condition 80m and 40m ham band crystals, like new.
Not available individually at this price. SIX hc6u crystals on:
QTY 1 - 3742.0 kHz
QTY 1 - 3777.5 kHz
QTY 1 - 3778.7 kHz
QTY 1 - 3781.2 kHz
QTY 1 - 3787.5 kHz
QTY 1 - 7011.0 kHz
Note: this is only for this one group of crystals as listed.
Will sell this whole group of 6 for $29.00 plus shipping.

Pictures, details and Ordering Page here:
http://af4k.com/hc6u_crystals.htm

73 - Bry, AF4K

# 645. REDUCED: Panel Meters - under $3.0

Yahoo group: hamradiohomebrew
Date: 2012-04-22 14:30:18 UTC
From: Bry Carling
Topic: 645  Message: 645

REDUCED: Panel Meters

Here is a nice box of six panel meters in very good condition.

These are all the typical 3.25" diameter meters you see on older ham equipment, test equipment etc.

1) Weston model 476 with 0 - 120V AC with an additional scale for 60V AC

2) Weston model 301 with 0 - 140V DC with an additional scale for 7 V DC.

3) General Electric model ADK84 - cool 0 - 200 mA PA Plate with markings for CW, MCW, PA Grid and Battery.

4) General Electric with 0 - 50mA DC

5) Weston model 147866 with 0 - 5V AC

6) General Electric Time Meter - model 8KT8E3 / USN type 120V AC 60 Hz (small case chip)

I do not want to sell these individually. I will sell these as a group. The whole box for $16.00
plus $12.00 for USA shipping

73 - Bry, AF4K

# 646. REDUCED: HENRY RADIO TEMPO ONE

Yahoo group: hamradiohomebrew
Date: 2012-04-29 21:11:38 UTC
From: Bry Carling
Topic: 646  Message: 646

REDUCED: HENRY RADIO TEMPO ONE HF TRANSCEIVER

The Tempo One wasoriginally built by the Yaesu Musen company in Japan in the 1970s. Same as a Yaesu / Sommerkamp FT200. I couold piucture using this at a camp too - lots of fun for portable HF or as a home station. Henry Radio Tempo One HF transceiver in very good condition.

Input Power - 240 Watts
Covers the 80m, 40m, 20m, 15m and 10m amateur bands on SSB and CW.
Antenna 50-100 ohms.
Carrier suppresion -40 dB.
A.F. Bandwidth 300-2700 Hz
Receiver Sensitivity 0.5 uV
Image ratio -50dB.
Audio output 1 watt into 8 ohms.
Power Supply - 120V AC or 12 V DC using external power supplies (See below)
16 Tubes, 15 diodes and 7 transistors.
Dimensions: 13.25" wide X 5.5" high x 11" deep
Approx. weight: 18 pounds.
Cables are included with the power supply below.

Comes with a copy of the operators manual.
Service manual copy available for an additional $5.00

Transceiver only - Now reduced from $145.00 to $105.00
AC Power Supply is available too:

Also I have the Henry Radio Tempo One POWER SUPPLY in very good condition.
With built-in 3" X 5" speaker for audio out from the Tempo One Transceiver.
Has 9 diodes.
Any of the following AC Voltages may be used: 110 - 120V AC or 200 - 240V AC
Dimensions: 8" wide X 5.5" tall X 11" deep
Approx. weight: 22 pounds.
Cables are included. REDUCED from $85.00 to $65.00

AC/ONE Power supply is available for $65.00 plus shipping.
OR BUY BOTH TOGETHER FOR $160.00 plus shipping

Pictures and details at:
http://www.af4k.com/radios.htm

73 & thanks for reading - Bry, AF4K

# 647. FS: More 2W, 1W and 1/2 W Carbon Resistor Packs

Yahoo group: hamradiohomebrew
Date: 2012-05-06 11:44:54 UTC
From: Bry Carling
Topic: 647  Message: 647

Hi guys,

I know a lot of people asked me for some more of these resistors and I found some.

As of right now, I have found 6 more assortments of New 2 Watt Carbon Compopsition Resistors (50 in each.)
I have 3 more packs of the 1 Watt carbon composition resistors (50 in each.)
and I have another 8 packs of the 1/2 Watt composition resistors (100 in each.)

I have posted these on my web pages for easy purchase for whomever would like some.
2W - $15 each
1W - $10 each
1/2W - $8 each
For anyone who buys 2 or more of these I will throw in a surprise pack of 50 - 100 new resistors of my choice. FYI - one or two of the 2 watt resistor packs might contain a couple of
good used looking resistors or shorter lead ones but you won't be disappointed.

http://af4k.com/resistors.htm

There are also some very excellent, useful power resistors and bleeder resistors etc. at that
link.

Thanks for looking & 73 - Bry AF4K
321-262-5471

# 648. FS: New HV Capacitors 10c - 35c each

Yahoo group: hamradiohomebrew
Date: 2012-05-06 13:33:33 UTC
From: Bry Carling
Topic: 648  Message: 648

NEW Mallory and Sprague, USA-made HV Disk ceramic capacitors:
(These are all brand new, prime quality USA parts), Most are RMC = Mallory

CAPACITANCE - VOLTAGE - Price each
8.2 pF 20% at 1KV Sprague Temp Stable - QTY 4 - $0.20 each
22 pF 10% - 3KV - RMC Type - QTY 1 - $0.25 each
75 pF 10% -at 1KV - N150 - QTY 10 - $0.20 each
82 pF 5% - 1KV - RMC Type NPO - QTY 6 - $0.25 each
82 pF 5% - 1KV - RMC Type N750 - QTY 2 - $0.20 each
82 pF 5% - 1KV - RMC Type N1500 - QTY 2 - $0.20 each
200 pF at 1KV 5% - RMC Type N750 - QTY 1 - $0.20
200 pF 5% at 1KV RMC type JF200 - QTY 1 - $0.15 each
200 pF 5% at 1KV type NPO - QTY 5 - $0.25 each
360 pF 10% - 1KV - RMC Type - QTY 5 - $0.20 each
400 pF 10% - 1KV - RMC Type - QTY 8 - $0.20 each
600 pF 10% at 1KV - RMC - QTY 9 - $0.20 each
750 pF 10% at 1KV Sprague Temp Stable - QTY 4 - $0.20 each
750 pF 10% - 1KV - RMC Type - QTY 4 - $0.20 each
Dual 1500 pF 20% at 2KV in one package type Z5U - QTY 5 $0.15 each
Dual 3000 pF 20% at 2KV in one package type Z5U - QTY 5 - $0.15 each
0.005 uF at 500 V +80/-20% - Type Z5U - QTY 1 $0.15
7500 pF (= 0.0075 uF) 20% at 500V - QTY 15 - $0.15 each
0.02 uF 10% at 100V RMC - QTY 1 - $0.10 each
0.02 uF at 100V +80/-20% RMC - QTY 12 - $0.15 each
0.02 uF at 1400 V 20% - Type Z5U - QTY 1 $0.30

Also some Tubular Capacitors:
Elmenco 0.1 uF at 600V DC and 0.5 uF at 200V DC
These are 35c and 25c each

You can purchase all of the above at web page:

http://af4k.com/capacitors.htm

Thanks & 73 de AF4K, Bry

# 649. FS: ARC5-looking 40m transmitter

Yahoo group: hamradiohomebrew
Date: 2012-05-13 01:05:06 UTC
From: Bry Carling
Topic: 649  Message: 649

FOR SALE - Navy transmitter for 40m band.
Dial reads from about 7.0 - 9.0 Megasickles.

Includes two 1625 FInal RF power tubes for plenty of oomph.

To me it looks just like any other ARC5 style radio, but the experts warn that his is not actually an "ARC5" as far as purists are concerned. For someone who enjoys military radios or actually getting something fun on the air with tiubes it will be just fine I am sure!

One place that I read (maybe a web site) says that it is part of the AN/ARC-5 Command Radio Set. Analogous to type BC-459-A, T-22/ARC-5 transmitters. It would have typically been paired with a CBY-46106 receiver, similar to the BC455-B and R-27/ARC5 receivers.

It also stated that the AN/ARC-5 Command Radio Set is a series of radio receivers, transmitters, and accessories used to provide two-way Morse code and AM radiotelephone communication for U.S. Navy aircraft during World War II and the years following. It was an improvement of the Navy's ARA/ATA command set. Similar units designated SCR-274-N were used in U.S. Army aircraft. The Army set is based on the Navy ARA/ATA, not the later AN/ARC-5. (perhaps this one is part of the ARA/ATA instead of ARC5? You be the judge!

Covers 7.0 to 9.1 MHz. Comes with all tubes, including the magic eye tube, the covers, all coils, etc. There are some paint chips off the top and front, but can be easily restored. Overall
in very good condition for its age. SERIAL number is 665.
Technical Data: The transmitter can run 40 watts on CW, and would draw approx. 9 amps at 28 volts in operation although it works satisfactorily between 22 - 30 volts input. The circuits
of the transmitter are as follows: A master oscillator (1626) excites a pair of beam tetrode
power tubes (1625) connected in parallel. An antenna coupling control is used to vary the coupling between the output tank and the roller inductor loading coil. The transmitter could be
modulated using screen grid modulation or plate modulation. This style of transmitter was used by many amateurs after world war two, but many were modified or stripped for their high quality components, particularly the variable capacitors. The sets had an extremely good
name for their frequency stability. This unit uses tubes which look great. The two 1625 tubes
test good. There is no crystal, as in most of these radios. It appears to be missing the VFO
shield and inductor trim slug. Otherwise, complete with all original knobs and tubes, and is in
above-average condition.

Available for $75.00 plus shipping.

Pictures and details at:
http://www.af4k.com/radios.htm#ARC5

73 - Bry, AF4K

# 650. FS: Hallicrafters S94 Civic Patrol RCVR $39

Yahoo group: hamradiohomebrew
Date: 2012-05-17 00:22:54 UTC
From: Bry Carling
Topic: 650  Message: 650

I have for sale, THREE Hallicrafters Civic Patrol S-94 VHF RECEIVERs

Superhet with RF-stage; IF frequency is 10700 kHz; 2 AF stage(s)

Includes 8 tubes:
6BH6, 12AT7, 12BA6, 12BA6 12AL5, 12AU7, 6BH6 and 50L6 AF out.

Has a built-in 5 inch Permanent Magnet Loudspeaker.
Cabinet dimensions: 12.9 x 7 x 7.25 inch / 328 x 178 x 184 mm
Coverage: 30 to 50 MHz
Will include a copy of the manual with schematic.

Two of these are available in EXCELLENT condition for $65.00 each plus shipping.
There is a third one that is also nice but has a non-original knob or two, and needs minor work - for $39.00 plus shipping. - see below

Pictures and details here:

http://www.af4k.com/radios.htm

73 - Bry, AF4K

# 651. FS: 455 kHz crystals etc.

Yahoo group: hamradiohomebrew
Date: 2012-06-06 19:59:44 UTC
From: Bry Carling
Topic: 651  Message: 651

FOR SALE:

New hc6u crystals and "tall hc6u" = hc13u calibrator crystals.

100 kHz calibrator style = $19.00 each

455 kHz hc6u = reduced to $30.00 each

1000 kHz hc6u = $16.00 each

1700 kHz hc6u = $16.00 each

E-mail me to arrange purchase or use web page at:

http://af4k.com/hc6ucrystals100-1499khz.htm

73 de AF4K - Bry

# 652. FA: 455 kHz crystal NEW

Yahoo group: hamradiohomebrew
Date: 2012-06-13 02:52:27 UTC
From: Bry Carling
Topic: 652  Message: 652

For Auction - one hc6u metal can crystal on 455 kHz.

Starting price is $15.00 - full description and pictures here:

http://www.ebay.com/itm/110897104618

Thanks for looking - 73 de AF4K, Bry

# 654. requesting for a small cw qrp transceiver

Yahoo group: hamradiohomebrew
Date: 2013-03-28 06:43:15 UTC
From: shubham
Topic: 654  Message: 654

hi there,i am a new ham,recently received my ticket,,with call sign VU3SXN,i am looking for a small cw transceiver qrp with .5 to 1 watts of output power,as it seems to be a nice kit to start with,,
any transceiver in small size and upto .5 to 2 watts of rf out put will work for me,

any transceiver kit--

high mite
rock mite
dc20 or 40
homebrew transceiver
even a homebrew transceiver in deadbug or ugly construction style is or,but it should work.

i am not looking for a very sophisticated costly transceiver..just need a simply robust design to start cw..

if any one has a small cw transceiver or kit lying around which is not being used, then please try to donate it and help me to get on air..
anyone who can donate or wish to sell please kindly contact me..
thanks & 73's
vu3sxn

email= vu3sxn@...

# 655. BUTTERFLY CAPACITOR

Yahoo group: hamradiohomebrew
Date: 2013-04-15 00:56:29 UTC
From: pop
Topic: 655  Message: 655

2.5-15KV BUTTERFLY CAPACITOR KITS for sale

www.youtube.com/watch?v=dmZxgmalP9g

http://forums.qrz.com/showthread.php?351604-Butterfly-capacitor-kits-5-15kv

http://www.flickr.com/photos/93005502@N08/page3/

3" OD ROTOR
4" OD ROTOR
5" OD ROTOR
6" OD ROTOR
10" OD ROTOR

VA6POP
yo5bzz(at)gmail.com
.

http://forums.qrz.com/showthread.php?378701-2-5-15kv-butterfly-capacitor-kits&p=\
2764980#post2764980

http://groups.yahoo.com/group/loopantennas/photos/album/1355109643/pic/list

http://groups.yahoo.com/group/loopantennas/photos/album/1356390600/pic/lis

# 657. N/BNC Adapters for sale

Yahoo group: hamradiohomebrew
Date: 2014-01-12 02:05:27 UTC
From: <lotharbaier@...>
Topic: 657  Message: 657

I have a bunch of N male to BNC female adapters for sale , those are to good old silver plated mil spec kind of adapters not some Chinese crap ! I am asking $4.50 ea and I got a whole bunch of them !

please contact me at sales@txmwsolutions.com mailto:sales@txmwsolutions.com

# 658. FS: Erie Feedtrough Filters/Capacitors

Yahoo group: hamradiohomebrew
Date: 2014-01-22 04:02:10 UTC
From: <lotharbaier@...>
Topic: 658  Message: 658

I have a bunch of ERIE Feedtrough caps for sale , some new and some used, they are labeled DK79 and 0.01u, silver plated and with 8-32 thread !
Asking $10 shipped CONS for 20ea !

Contact me at sales@txmwsolutions.com mailto:sales@txmwsolutions.com

# 659. Just Checking?

Yahoo group: hamradiohomebrew
Date: 2014-02-17 22:55:59 UTC
From: <macklinbob@...>
Topic: 659  Message: 659

What's happening with this group?

Anyone doing any building?

I'm starting a new 2M Transverter.

Bob Macklin
K5MYJ
Seattle, Wa

# 660. Re: [hamradiohomebrew] N/BNC Adapters for sale

Yahoo group: hamradiohomebrew
Date: 2014-05-15 15:51:52 UTC
From: Dave Springer
Topic: 657  Message: 660

Do you still have any of these, or are they long since gone?

Tnx & 73

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From: "lotharbaier@..." <lotharbaier@...>
To: hamradiohomebrew@yahoogroups.com
Sent: Saturday, January 11, 2014 8:05 PM
Subject: [hamradiohomebrew] N/BNC Adapters for sale

I have a bunch of N male to BNC female adapters for sale , those are to good old silver plated mil spec kind of adapters not some Chinese crap !  I am asking $4.50 ea and I got a whole bunch of them !

please contact me at sales@...

# 661. Test Equipment FS

Yahoo group: hamradiohomebrew
Date: 2015-02-06 16:23:40 UTC
From: Ken Simpson, W8EK
Topic: 661  Message: 661

Test equipment for sale:

Heath VC-3 Oscilloscope "Voltage Calibrator":

This unit is used to output precise values of voltage so that an oscilloscope can be calibrated. It uses three tubes and some very precision resistors.

Apparently this unit was produced in the late 1950's and early 1960's. This one looks very nice. It does have a small chip out of the back corner, but otherwise is very good. It has had the electrolytic caps in it replaced, and it has output which varies as one turns the amplitude switch.

Paperwork is included for only $20.

Kepco Variable Bench Power Supply:

This is an ideal bench power supply! It is a Kepco Model ABC 40-0.5, which means that it will produce from zero up to 40 V DC at up to 1/2 amp. Great for the bench.

The voltage is adjustable with a 10 turn pot from close to zero, up to about 40 volts. There is a fairly large analog meter that reads the voltage. There is also current limiting built in that is adjustable from about 100 ma to up to about 700 ma. The same meter that reads voltage can be switched to read current, or short circuit current (the point that the current limit is set). In addition, there are connections on the back to allow remote sensing and remote programming. This is a quality regulated power supply!

This particular unit works 100%, and looks extremely nice. $85

Micro-Z Frequency Prescaler:

Do you have a frequency counter that does not cover 2 meters, but you want to check the frequency of your 2 meter rig? If so, this is what you need. It is a divide by 10 frequency prescaler. Connect the prescaler to your frequency counter, and a short antenna to the prescaler, and you can do it.

This unit works OK, and looks OK, assuming you like the red color of the cover that Micro-Z used. Powered by 115 V AC.
$15

SWR Bridges / Wattmeters For Sale:

All have SO-239 connectors and work fine.

Vanco SWR-2 SWR Bridge / Wattmeter
It covers from 1.7 to 150 MHz. It has a single meter, and
is actually a 10 W and 100 W full scale watt meter as well
as the "normal" SWR meter. It is still in its original box,
with original paper work, and appears to be new. $25.

Lafayette 99-25835 SWR Bridge
This HF single meter SWR Bridge also functions as a field
strength meter. This one is also in its original box, with
original paper work and appears to be new. $20

Radio Shack 21-524 SWR and Power Meter
This HF meter measures both average and PEP power in 20/200/2000
watt ranges as well as functioning as a regular SWR meter.
Looks close to new. With paperwork for $25.

This SWR bridge is good for use from 3 to 150 MHz, meaning it will
cover the HF bands (not including 160 meters), but also 2 meters
and 6 meters. This is a well constructed homebrew unit measuring
about 4 x 4 by 2 1/2 inches (plus knob and connectors).
SO-239 connectors are on the side.
This one works fine and looks fine as well. $12

25 KHz Crystal Calibrator:

This unit is marked "25 Kc Frequency Standard".
It produces markers at 25 KHz intervals for calibrating
your receiver.

This unit is a homebrew unit using two transistors and one
IC, and is powered by three AA batteries. Of course it
includes a 100 KHz crystal that is divided by four. It is
in a black enclosure about 5 inches wide by 4 1/2 inches
deep by 3 1/2 inches high. $15

Miscellaneous Heath Parts:

Heath HM-102/HM-2102 Wattmeter Parts (all are common to both meters):

Outer clam shell cabinet (left and right sides plus top) in nice
condition. $12

Dark Green knobs with aluminum skirt, 1 1/8 inch in diameter.
These are the same knobs as used in all of the SB series of
transceivers, receivers, transmitters and accessories. $5 each

Set of four feet, w/hardware. $10

Three position SWR/Power switch
Switches between SWR, high and low power. $7

I have many Heath SB-630 Station Console parts available. Most of
the internal parts are available, but no clock. The clock movement,

knobs, front panel, outer case and reflectometer assembly are gone, but switches, etc. are still available. Please let me know what you need.

I also have parts from a Heath HD-15 phone patch available. What do you need?

Parting out Daiwa Wattmeter:

These parts all come from a Daiwa CN-460 M wattmeter which covers from 140 to 460 MHz. This is the "mobile" type of meter. Except for the actual reflectometer assembly, the other parts should fit any of the various "mobile" Daiwa wattmeters.

Reflectometer assembly
Covers from 140 to 450 MHz. SO-239 connectors in and out. Includes the three wires that go to the switch board, and mounting screw. $12

High Low Power Switch board
This includes the switch and the small circuit board that includes the four adjustment pots - high power forward and reflected, and low power forward and reflected. Single mounting screw included. $7

Light assembly
With two good bulbs, circuit board, wire pigtail, and two mounting screws. $6

Outer plastic case
Should be the same as all of the mobile meters.
With mounting screw. $5

Buy all above for $25.

Micronta Radio Shack 22-024 Transistor Tester:

This unit is capable of checking a wide range of transistor types, either "in circuit" or out of circuit. It was designed to utilize dynamic testing under current amplifier conditions. The visual indication of the output signal is the result of dynamic current gain in an actual operating circuit.

This particular unit is in the original box. However someone left a battery in it, so it needs the battery holder cleaned, plus some general clean up.

With paper work for $15.

Solid State 5U4 Rectifiers:

These are solid state replacements for 5U4 vacuum tube rectifiers. Basically it is a glob of epoxy with an

octal base to plug into the original 5U4 socket. The
silk screen on the base says "S-5U4 Silicon Rectifier
Tube Replacement." No manufacturer indicated.

Two are available for $15 each.

Coax connectors and adapters:

Prices are per connector. Several of each are available.
Most are unused.

SPECIAL: Buy 5 and take 10% off.
Buy 10 or more and take 20% off.

UG-175 reducing adapters for PL-259 connectors to
use with RG-58 $.50

UG-176 reducing adapters for PL-259 connectors to
use with RG-8 X or RG-59.
Amphenol $.75; NON-Amphenol $.50

Amphenol crimp type PL-259, sealed in package $3

UHF double female "Barrel connector" $3

UHF "L" Elbow, 90 degree connector $3

UHF "Bulkhead Connector" with mounting hardware
Double female, about 2 inches long $6

UHF "T" connector with two female (SO-239) and one male
(PL-259) connection $5

BNC HT to PL-259 adapter.(BNC male to UHF female) $5

BNC male for coax cables
standard type $2
crimp on type $3

Chassis mount BNC female
square mount (uses 4 screws) $3
Amphenol screw in type, sealed in package $4

BNC "T", two female and one male $3

Electronic Catalogs FREE:

I have a variety of electronic catalogs available free for
the cost of shipping. The shipping cost should be relatively
low since they can be shipped via "Media Mail". Of course
some of these are several inches thick.
All are in extremely good condition.

Here is what is available:

Mouser #641 for Feb-June 2010

DigiKey # A091B for 2009

Newark
#103 for 1985
#115 for 1997
#116 for 1998

Allied
1987
2001
2002/03
2007

EEM - Electronic Engineering Master
2000
2008

Electronic Industry Telephone Directory
2003
2004

Take any or all.

I also have many other accessories available such as many
different types of microphones, HTs, VHF and UHF rigs, HF
and VHF/UHF antennas, etc.
Just too many to list here. Please e-mail your requests.

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

# 662. requesting support in building a all discreet 27.00MHz CB ssb transceiver

Yahoo group: hamradiohomebrew
Date: 2015-02-09 20:34:01 UTC
From: shubham VU3SXN & KC3CWD
Topic: 662  Message: 662

Subject - requesting support in building a all discreet 27.00MHzCB ssb transceiver

hi,

i am an electronics engineer living in northern part of India.
i have more than 10 friends who are swl and are interested in amateur radio as they are from non-technical background it seems quite difficult for them to understand electronics and all radio stuff...but they regularly visit my shack and are highly interested in radio qso over CB radio,
in India CB radio is license free upto 5 watts...
i have a small request from members of this group,

i am planning to make a qrp single frequency or fixed frequency CB {citizen band} SSB transceiver of 27.000MHz,

this transceiver design is meant for anyone and everyone who want to pick up a soldering iron or wants to experience the taste of hamradio QRP.

All swl can operate and be on air as its license free

I have a14mhz transceiver design which uses all discreet components like common npn transistors BC547 and does not use any fancy IC..

I am trying to change this design to 27mhz and in place of vfo I need a fixed frequency oscillator.

The specifications of this transceiver will be -

1.Easy to make with all discreet components.

2.No fancy IC to be used.

3.5 watts ssb output

4.USB upper side band

5.Fixed frequency 27.000mhz

I would like to share my design with anyone who is interested in this project,

Please share your ideas and email me..

Email - vu3sxn@...
thanks

shubham tiwari
kc3cwd & vu3sxn

# 663. simple HAM Radio Station Contact/Call Log book Database v3.2 uses Microsoft access ...

Yahoo group: hamradiohomebrew
Date: 2016-08-27 05:33:34 UTC
From: vu3sxn/kc3cwd
Topic: 662  Message: 663

hi all,
i am sharing this easy to use free of cost ham radio digital call book database based on Microsoft access
please check the videos from kc8yto for more elaborate instructions if necessary, as in the interface is very simple...

https://www.youtube.com/user/kc8yto/videos

download the software from here /providing link from my email's Google drive -- {100% spam/virus free}

https://drive.google.com/file/d/0BwdnLwgJNJ66VXpVbDBhZGhuYW8/view?usp=sharing
or
http://www1.zippyshare.com/v/7984686/file.html

instructions from the designer of this particular software --

HAM Amateur Radio Station Contact/Call Log Database
?2013 KC8YTO - 100% Free to Distribute!

Use this contact log to record all of your QSL calls!

Standard Microsoft Access Database file with Form Entry.
Complete and Searchable!
Record & document all of the details of your contacts!
Easy to Customize or Edit to your own Station & Equipment!
How To Customize or Edit This Form:

1.Click on VIEWS (top left) and select LAYOUT VIEW.
2.RIGHT-CLICK on Item you want to edit. (ex.-Local Transmitter)
3.Select EDIT UST ITEMS from pop-up menu, (at bottom)
4.You can now Change/Edit list entries & select Default Value.
5.SAVE YOUR CHANGES!
Click the Microsoft Logo on the TOP RIGHT of the window and select SAVE.
(or CNTRL+S) and return to FORM VIEW to enter data.
6. To return to FORM VIEW (data entry mode) Click the VIEWS icon (top left) and select FORM VIEW.

(Note: 255 characters max in 'Notes' fields.)

You can Edit Callsign, Labels & Pictures, too!
While in the Layout View (edit mode) RIGHT-CLICK on any object you want to change.
Double click to change the Station Callsign label. (top)
Click on pictures to adjust size or position, change or delete.
KC8YTO -100% Free to Distribute!

{please feel free to distribute this email to as many fellow hams as possible}
73's
vu3sxn / kc3cwd
shubham tiwari